

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097378.D
 Acq On : 5 Aug 2017 2:12
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 05 03:24:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	98677	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	401800	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	167735	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	253673	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	161722	20.00	ng	-0.07
86) Perylene-d12	14.89	264	167126	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	571269	87.27	ng	-0.06
7) Phenol-d6	6.12	99	675681	90.42	ng	-0.05
23) Nitrobenzene-d5	7.02	82	572620	83.60	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	96473	72.80	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	823652	83.33	ng	-0.07
78) Terphenyl-d14	12.52	244	606270	76.43	ng	-0.07

Target Compounds						Qvalue
2) 1,4-Dioxane	1.91	88	111646	40.87	ng	# 73
3) Pyridine	2.52	79	331369	39.62	ng	# 60
4) n-Nitrosodimethylamine	2.48	42	192573	41.56	ng	81
6) Aniline	6.10	93	442382	47.04	ng	96
8) 2-Chlorophenol	6.23	128	312908	44.71	ng	93
9) Benzaldehyde	5.98	77	240210	54.31	ng	91
10) Phenol	6.13	94	411852	46.46	ng	95
11) bis(2-Chloroethyl)ether	6.19	93	308634	44.02	ng	88
12) 1,3-Dichlorobenzene	6.38	146	310522	41.17	ng	99
13) 1,4-Dichlorobenzene	6.46	146	314427	42.06	ng	96
14) 1,2-Dichlorobenzene	6.61	146	263401	40.36	ng	99
15) Benzyl Alcohol	6.60	79	206672	43.68	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.73	45	575725	40.94	ng	92
17) 2-Methylphenol	6.73	107	222940	41.27	ng	# 87
18) Hexachloroethane	6.95	117	92972	34.00	ng	# 81
19) n-Nitroso-di-n-propylamine	6.87	70	209666	42.63	ng	# 80
20) 3+4-Methylphenols	6.89	107	321399	45.55	ng	# 61
22) Acetophenone	6.86	105	398169	41.26	ng	# 98
24) Nitrobenzene	7.03	77	308419	43.24	ng	97
25) Isophorone	7.27	82	516075	38.47	ng	98
26) 2-Nitrophenol	7.35	139	142861	37.02	ng	# 88
27) 2,4-Dimethylphenol	7.41	122	250016	39.27	ng	98
28) bis(2-Chloroethoxy)methane	7.49	93	353933	40.43	ng	99
29) 2,4-Dichlorophenol	7.61	162	233253	42.53	ng	98
30) 1,2,4-Trichlorobenzene	7.67	180	209826	40.14	ng	97
31) Naphthalene	7.75	128	779325	41.15	ng	100
32) Benzoic acid	7.57	122	107728	22.66	ng	99
33) 4-Chloroaniline	7.81	127	338037	43.86	ng	97
34) Hexachlorobutadiene	7.87	225	109194	39.40	ng	97
35) Caprolactam	8.19	113	74605	42.42	ng	# 53
36) 4-Chloro-3-methylphenol	8.32	107	250496	41.87	ng	87
37) 2-Methylnaphthalene	8.43	142	484154	40.37	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.60	216	197380	44.10	ng	99
40) Hexachlorocyclopentadiene	8.59	237	5209	9.65	ng	93

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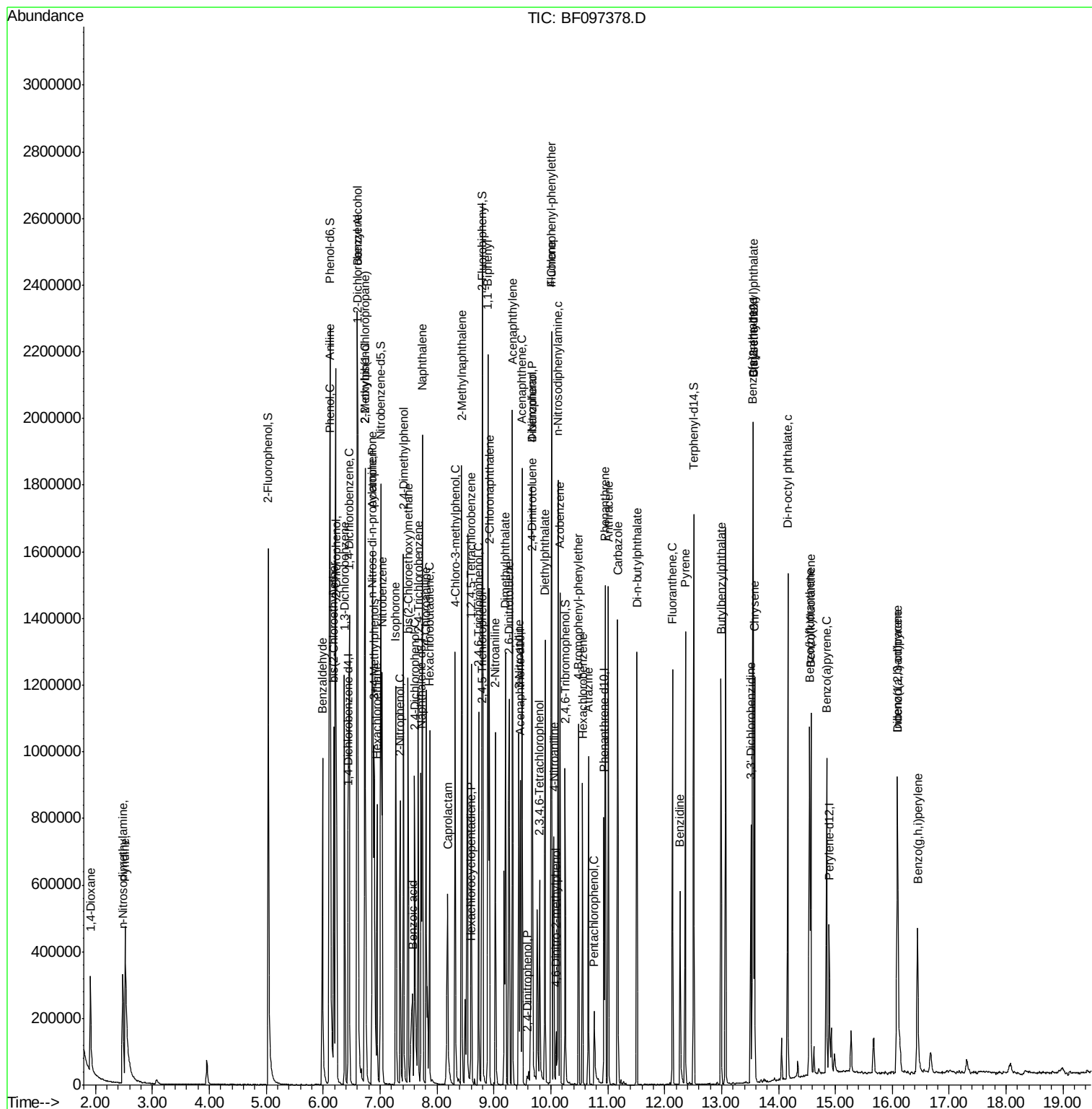
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.73	196	133697	41.22	nq	98
43) 2,4,5-Trichlorophenol	8.78	196	124398	38.32	nq	98
45) 1,1'-Biphenyl	8.90	154	600280	41.90	nq	98
46) 2-Chloronaphthalene	8.92	162	435900	41.35	nq	95
47) 2-Nitroaniline	9.03	65	168826	44.12	nq	97
48) Acenaphthylene	9.33	152	661085	40.85	nq	98
49) Dimethylphthalate	9.20	163	564918	44.35	nq	100
50) 2,6-Dinitrotoluene	9.27	165	114268	42.30	nq	# 67
51) Acenaphthene	9.50	154	388058	40.71	nq	99
52) 3-Nitroaniline	9.44	138	142223	42.41	nq	96
53) 2,4-Dinitrophenol	9.58	184	7294	5.94	nq	# 66
54) Dibenzofuran	9.67	168	541158	42.62	nq	97
55) 4-Nitrophenol	9.67	139	296857	148.86	nq	# 33
56) 2,4-Dinitrotoluene	9.68	165	134904	43.44	nq	# 81
57) Fluorene	10.01	166	415113	43.50	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.80	232	80323	35.84	nq	98
59) Diethylphthalate	9.90	149	518657	44.38	nq	98
60) 4-Chlorophenyl-phenylether	10.00	204	174601	44.31	nq	99
61) 4-Nitroaniline	10.05	138	129762	40.73	nq	93
62) Azobenzene	10.16	77	488264	45.04	nq	92
64) 4,6-Dinitro-2-methylphenol	10.09	198	19047	12.08	nq	90
65) n-Nitrosodiphenylamine	10.13	169	409205	46.36	nq	99
66) 4-Bromophenyl-phenylether	10.49	248	106586	42.10	nq	94
67) Hexachlorobenzene	10.56	284	114841	40.45	nq	# 86
68) Atrazine	10.66	200	96343	38.07	nq	93
69) Pentachlorophenol	10.76	266	31669	26.96	nq	97
70) Phenanthrene	10.96	178	559751	41.18	nq	99
71) Anthracene	11.01	178	556700	39.99	nq	99
72) Carbazole	11.17	167	538719	39.35	nq	99
73) Di-n-butylphthalate	11.52	149	706843	41.77	nq	98
74) Fluoranthene	12.14	202	500983	37.62	nq	99
76) Benzidine	12.27	184	247989	41.33	nq	# 94
77) Pyrene	12.36	202	523756	39.56	nq	99
79) Butylbenzylphthalate	12.99	149	267863	39.77	nq	# 80
80) Benzo(a)anthracene	13.54	228	407997	38.99	nq	100
81) 3,3'-Dichlorobenzidine	13.52	252	167066	42.34	nq	# 96
82) Chrysene	13.58	228	413819	40.50	nq	99
83) Bis(2-ethylhexyl)phthalate	13.56	149	328530	37.36	nq	99
84) Di-n-octyl phthalate	14.16	149	669305	41.48	nq	# 90
85) Indeno(1,2,3-cd)pyrene	16.09	276	344788	39.35	nq	97
87) Benzo(b)fluoranthene	14.54	252	429103	42.71	nq	96
88) Benzo(k)fluoranthene	14.57	252	359662	37.57	nq	95
89) Benzo(a)pyrene	14.84	252	376812	40.98	nq	98
90) Dibenzo(a,h)anthracene	16.10	278	289855	38.44	nq	98
91) Benzo(g,h,i)perylene	16.44	276	283491	35.85	nq	98

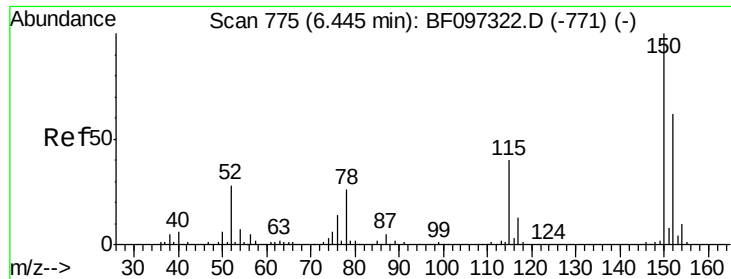
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.44 min Scan# 791

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

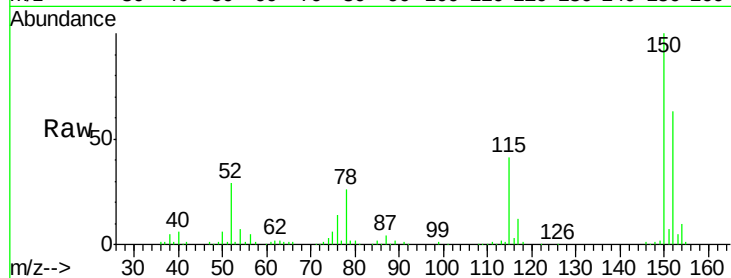
Tot Ion:152 Resp: 98677

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

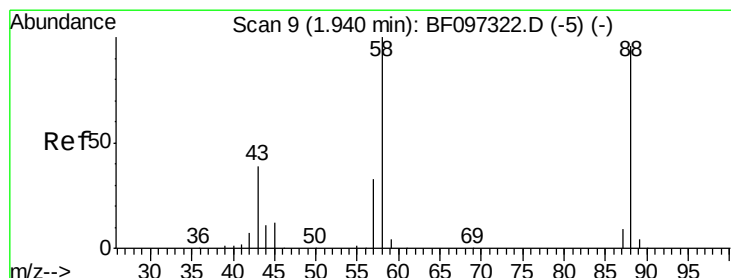
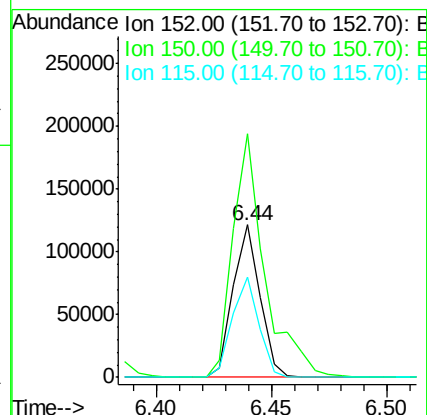
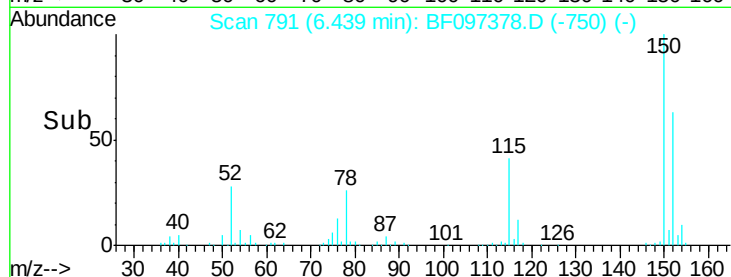
115 65.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.87 ng

RT: 1.91 min Scan# 21

Delta R.T. -0.14 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

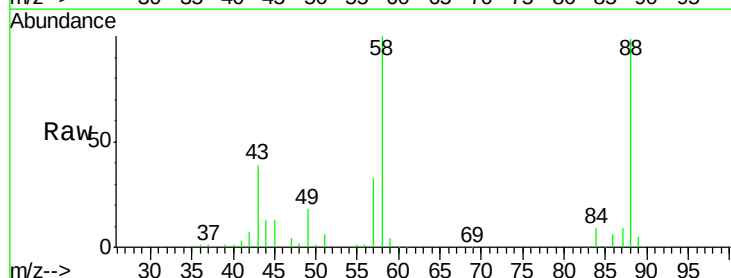
Tgt Ion: 88 Resp: 111646

Ion Ratio Lower Upper

88 100

58 101.3 61.4 92.0#

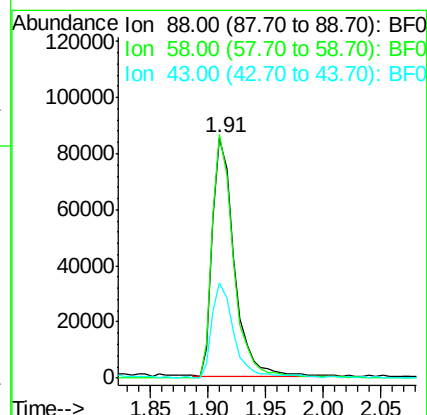
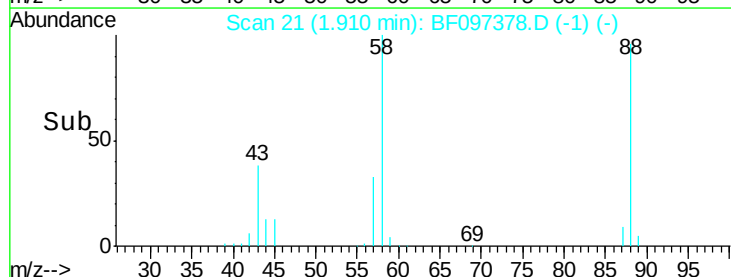
43 40.6 23.4 35.0#

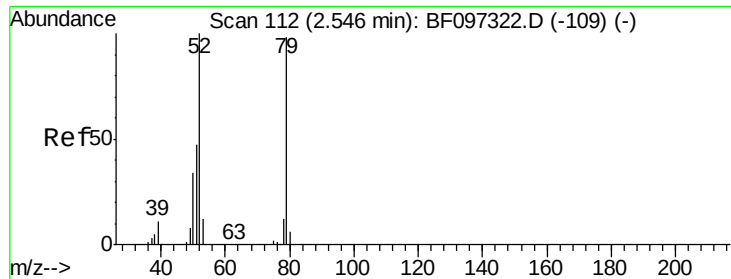


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.62 ng

RT: 2.52 min Scan# 124

Delta R.T. -0.15 min

Lab File: BF097378.D

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SSTDCCC040

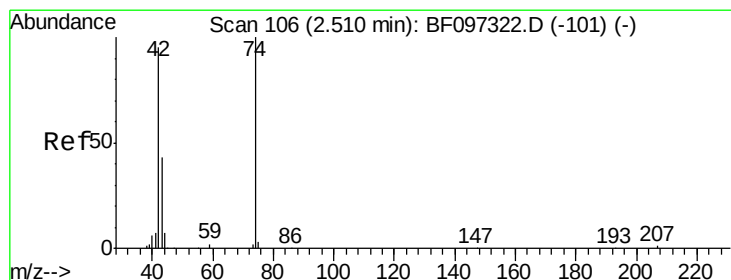
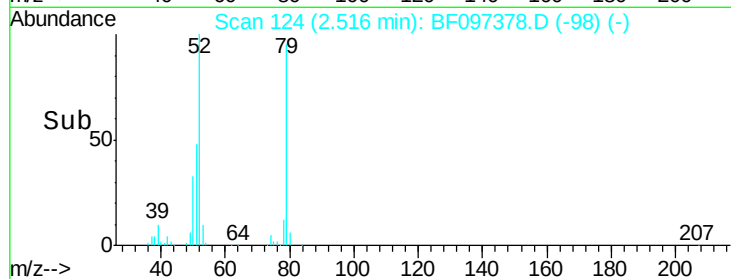
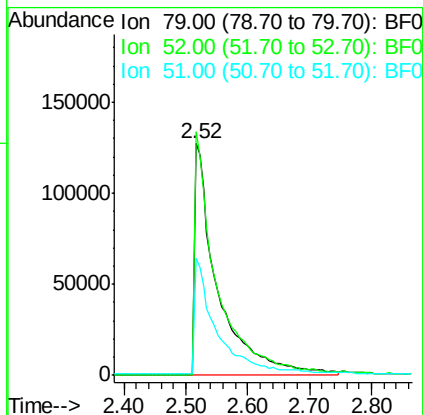
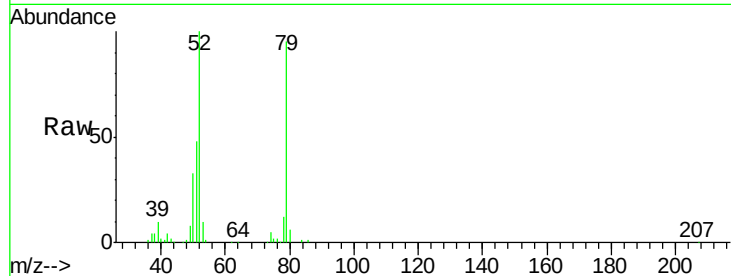
Tot Ion: 79 Resp: 331369

Ion Ratio Lower Upper

79 100

52 105.0 54.8 82.2#

51 50.6 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 41.56 ng

RT: 2.48 min Scan# 118

Delta R.T. -0.14 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

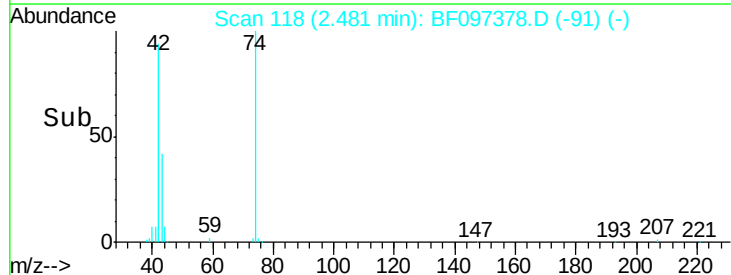
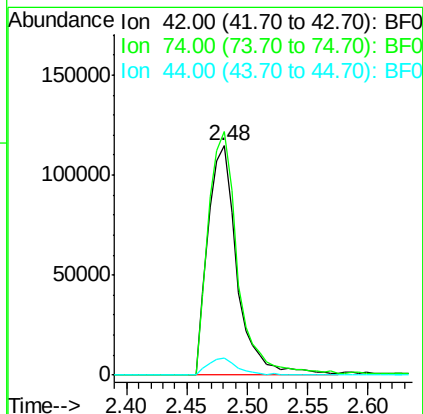
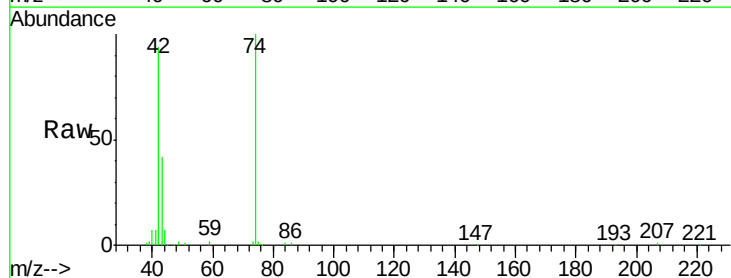
Tgt Ion: 42 Resp: 192573

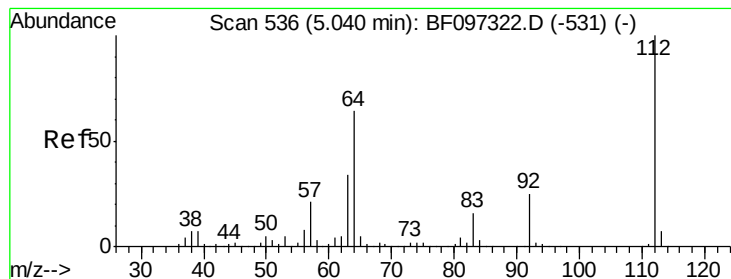
Ion Ratio Lower Upper

42 100

74 106.2 103.9 155.9

44 7.5 5.7 8.5

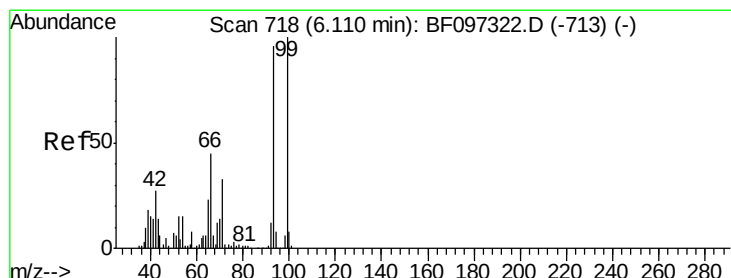
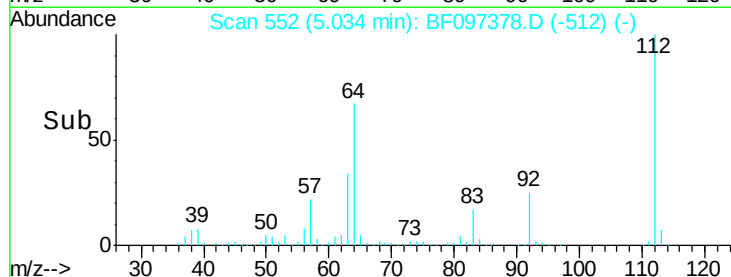
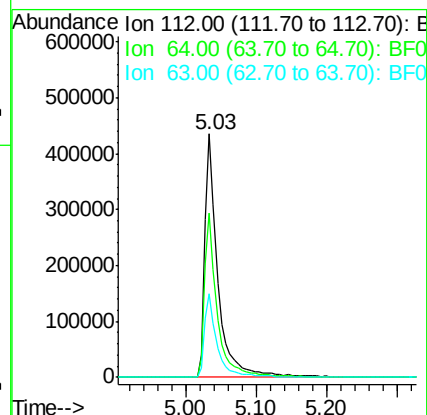
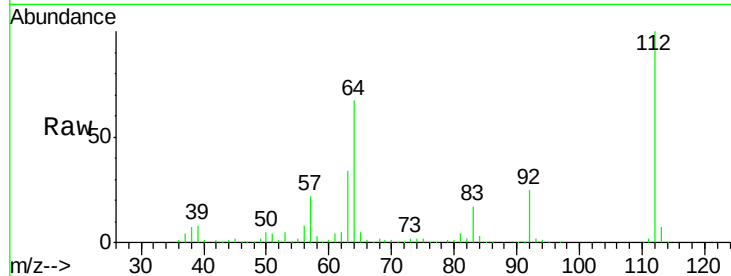




#5
 2-Fluorophenol
 Concen: 87.27 ng
 RT: 5.03 min Scan# 552
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

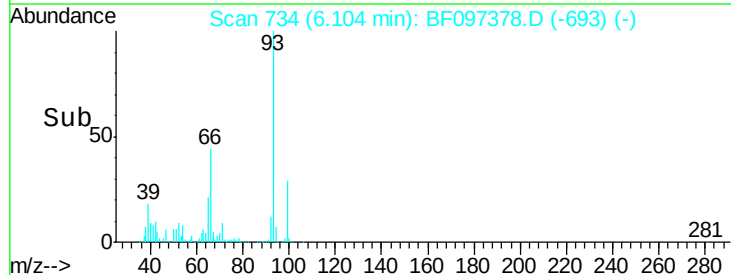
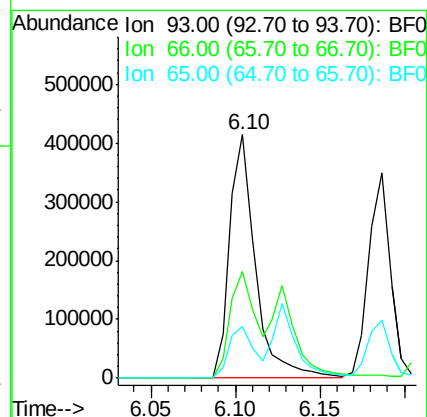
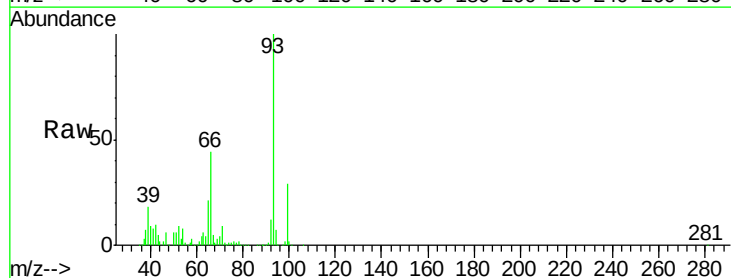
Instrument :
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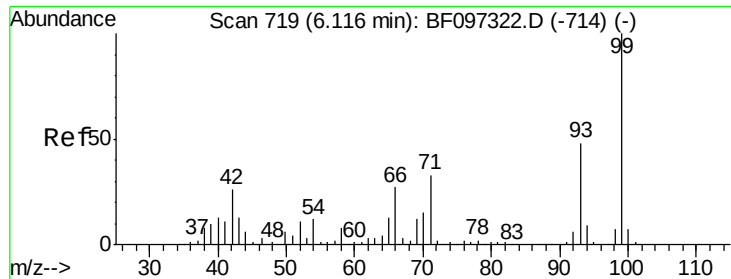
Tot Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	34.1	23.4	35.0



#6
 Aniline
 Concen: 47.04 ng
 RT: 6.10 min Scan# 734
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
93	100		
66	43.6	32.9	49.3
65	21.3	16.0	24.0





#7

Phenol-d6

Concen: 90.42 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

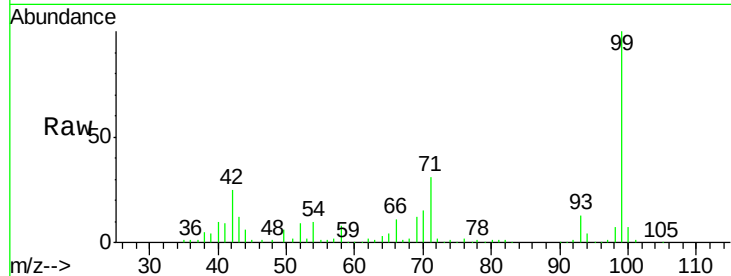
Tot Ion: 99 Resp: 675681

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

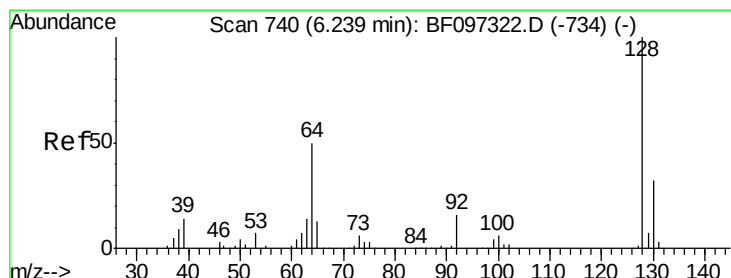
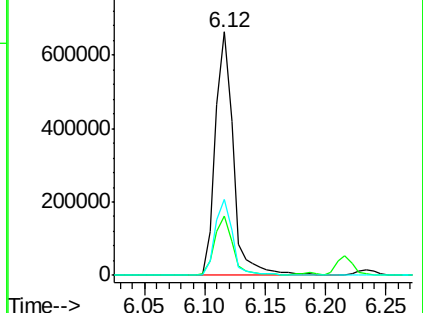
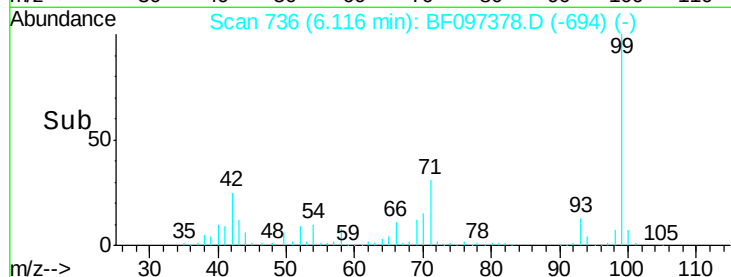
71 31.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.71 ng

RT: 6.23 min Scan# 756

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

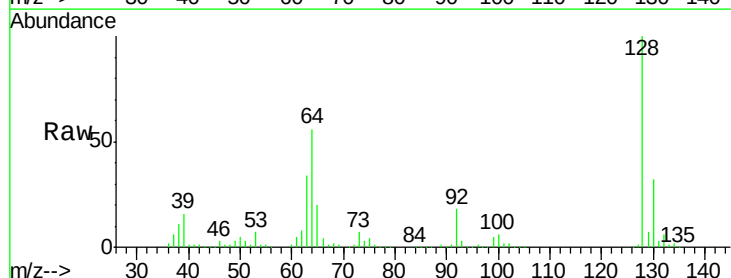
Tgt Ion: 128 Resp: 312908

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

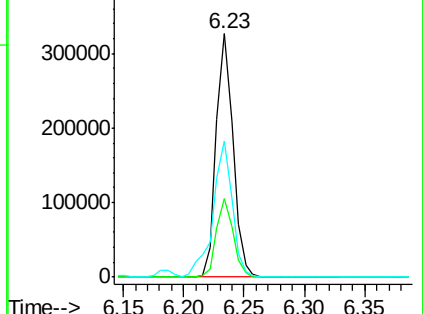
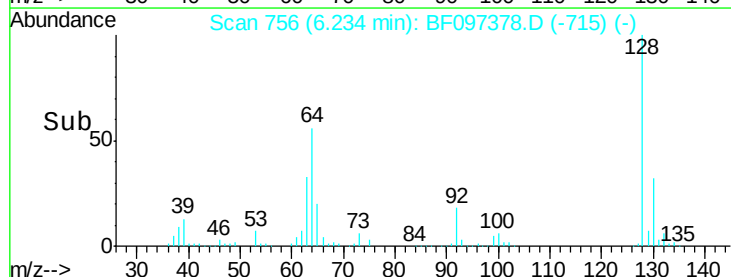
64 56.2 28.4 68.4

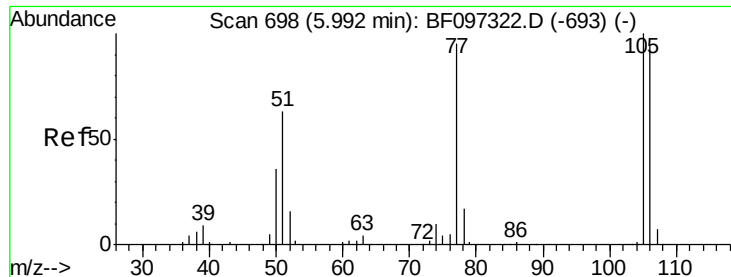


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

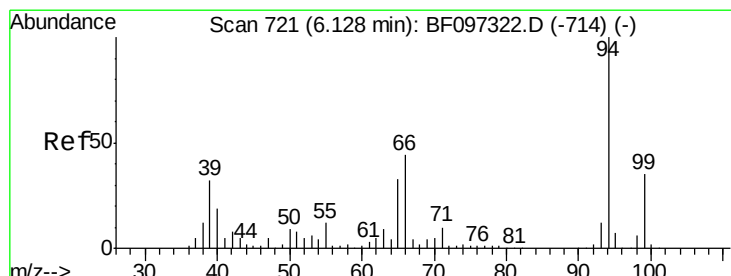
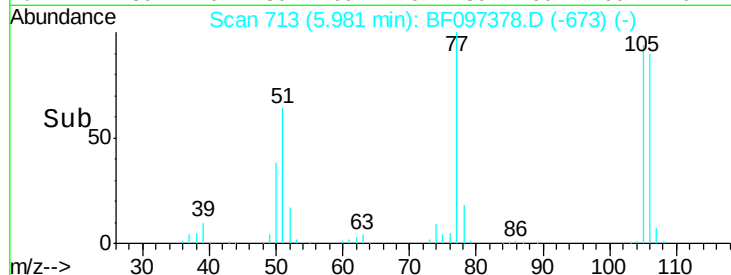
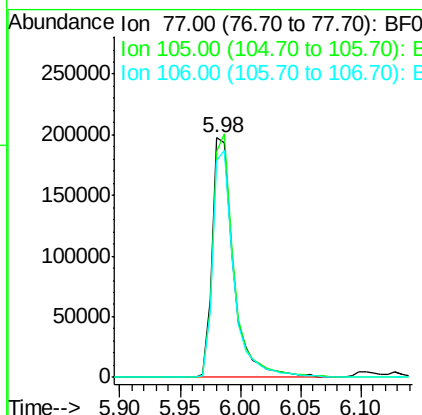
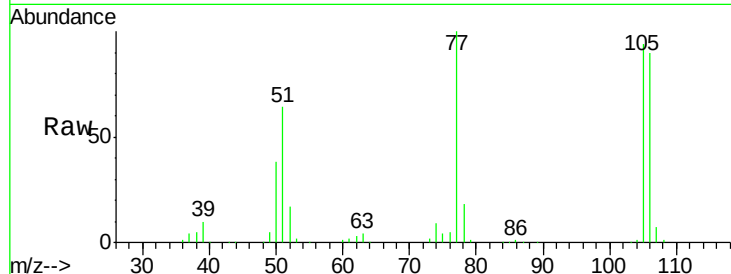




#9
Benzaldehyde
Concen: 54.31 ng
RT: 5.98 min Scan# 713
Delta R.T. -0.06 min
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Acq: 5 Aug 2017 2:12

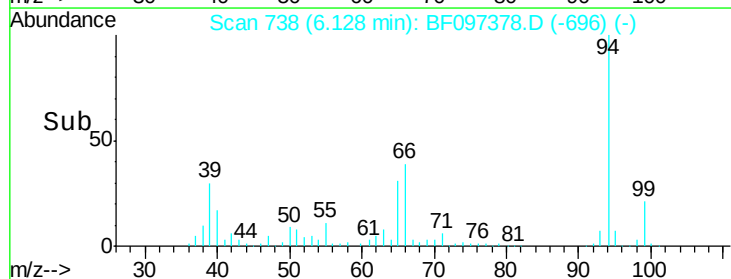
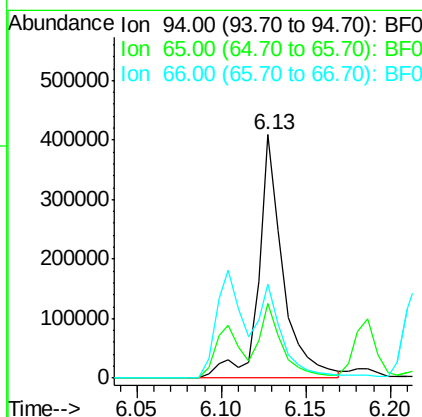
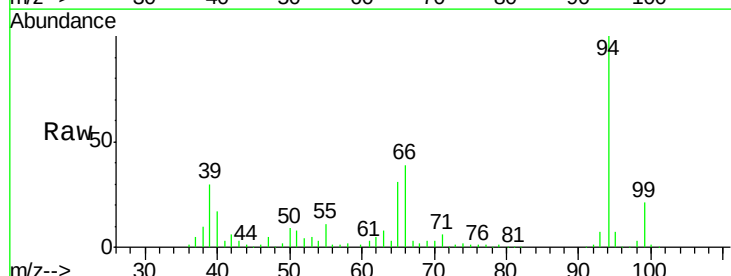
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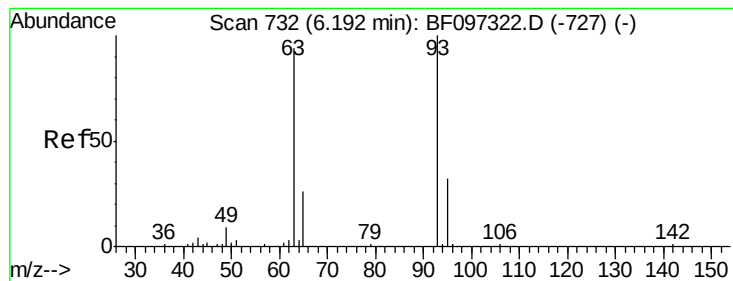
Tot Ion: 77 Resp: 240210
Ion Ratio Lower Upper
77 100
105 94.3 83.8 123.8
106 90.3 79.1 119.1



#10
Phenol
Concen: 46.46 ng
RT: 6.13 min Scan# 738
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion: 94 Resp: 411852
Ion Ratio Lower Upper
94 100
65 30.8 9.9 49.9
66 38.6 23.1 63.1

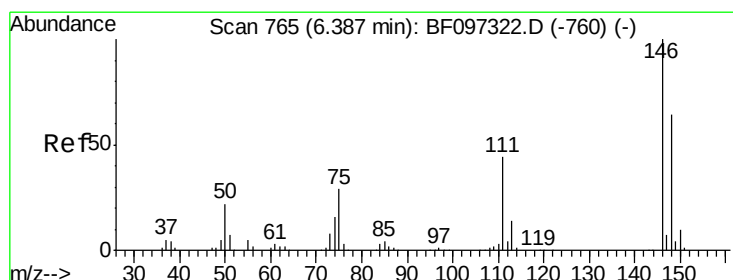
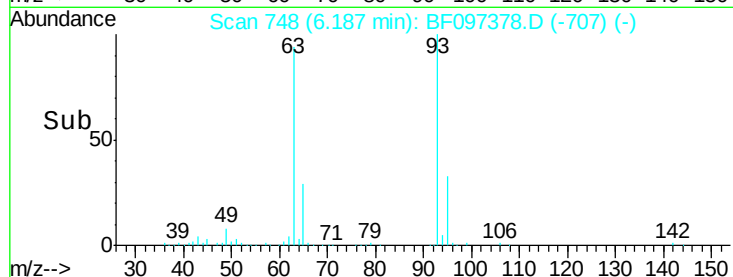
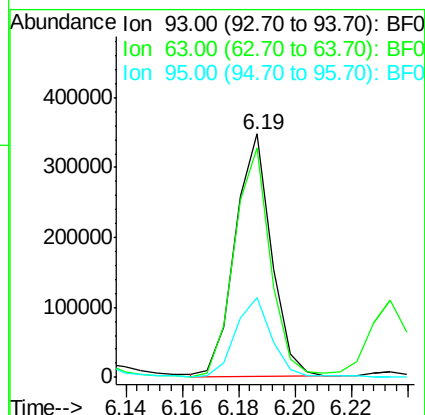
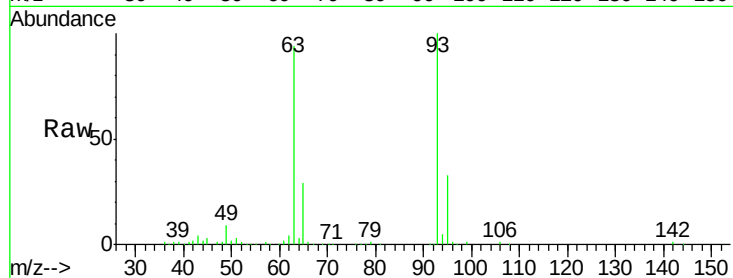




#11
bis(2-Chloroethyl)ether
Concen: 44.02 ng
RT: 6.19 min Scan# 748
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

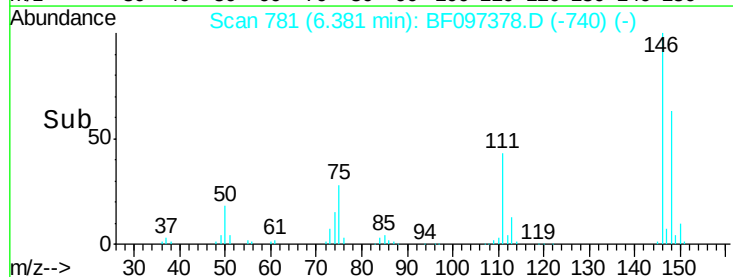
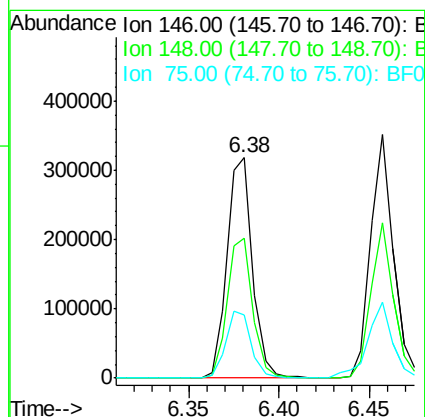
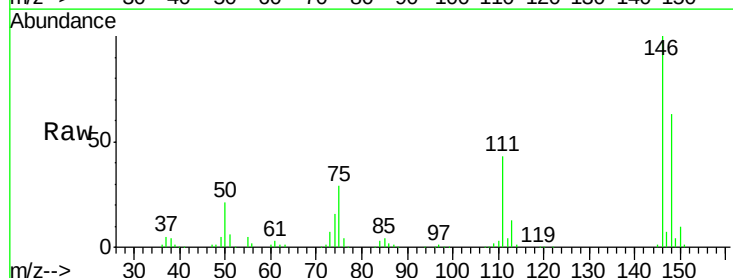
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

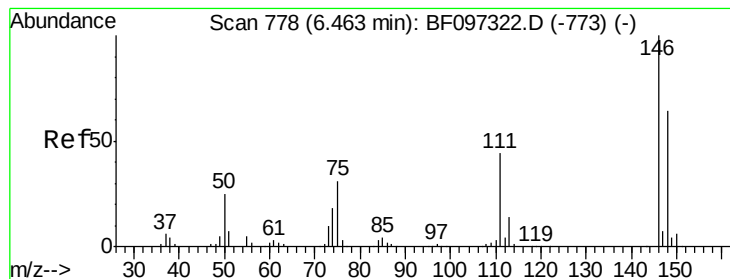
Tot Ion: 93 Resp: 308634
Ion Ratio Lower Upper
93 100
63 94.1 59.2 99.2
95 32.6 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.17 ng
RT: 6.38 min Scan# 781
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion: 146 Resp: 310522
Ion Ratio Lower Upper
146 100
148 63.4 51.8 77.6
75 28.8 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 42.06 ng

RT: 6.46 min Scan# 794

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

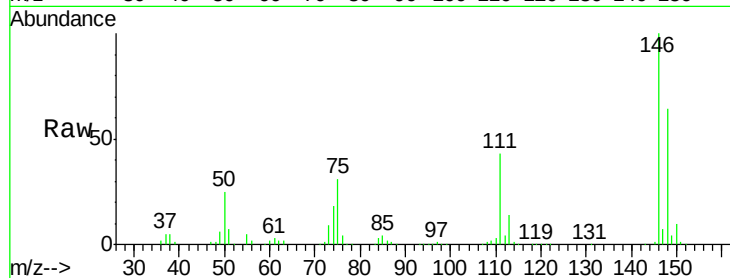
Tot Ion:146 Resp: 314427

Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.2

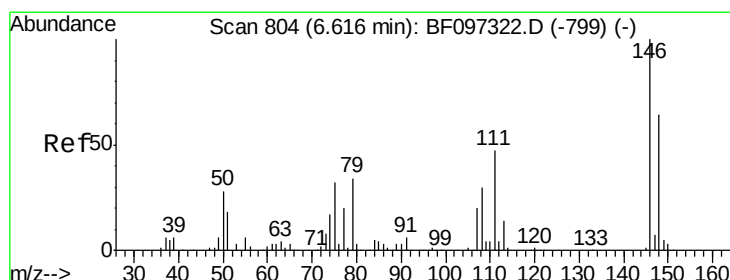
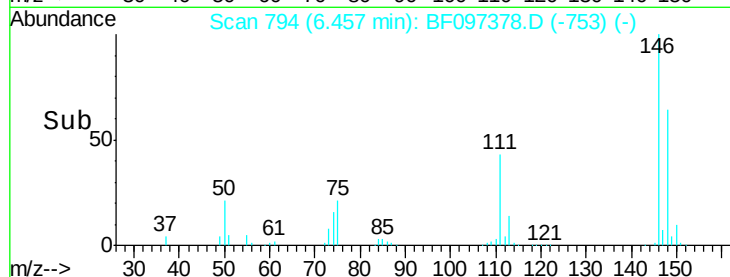
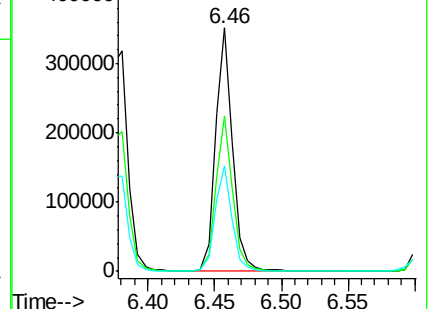
111 43.3 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.36 ng

RT: 6.61 min Scan# 820

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

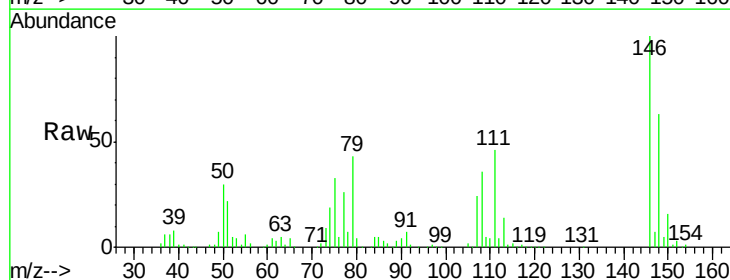
Tgt Ion:146 Resp: 263401

Ion Ratio Lower Upper

146 100

148 62.9 50.4 75.6

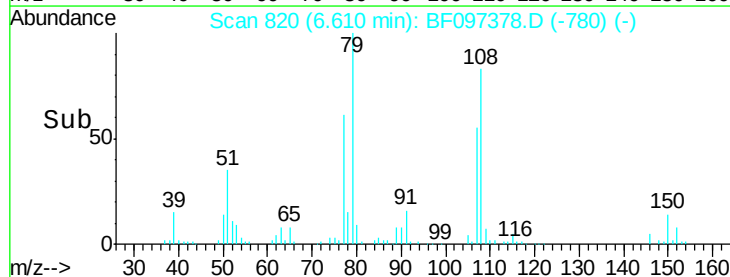
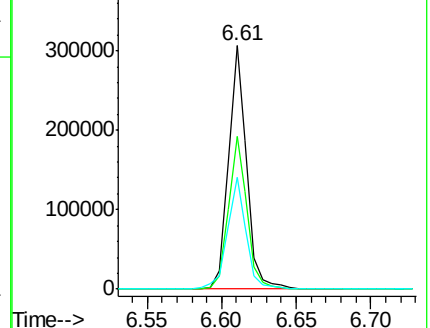
111 46.1 38.2 57.4

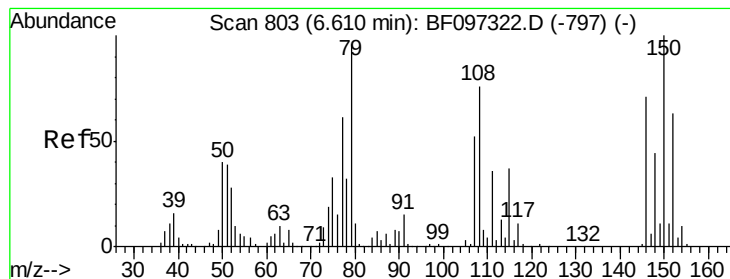


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.68 ng

RT: 6.60 min Scan# 819

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

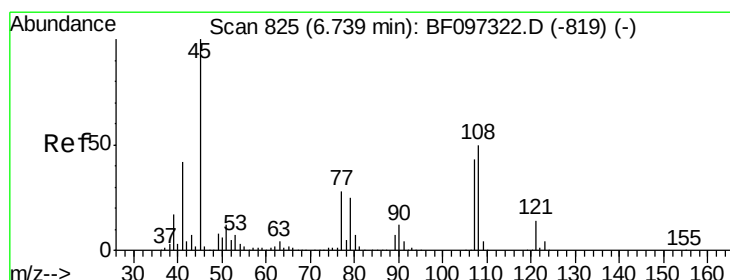
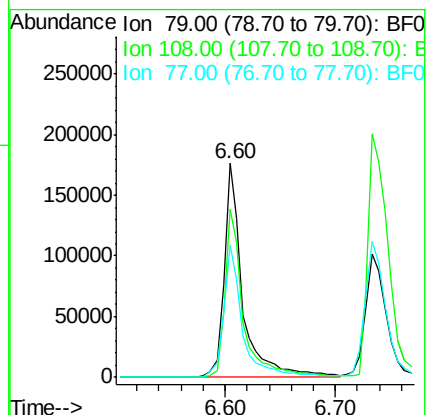
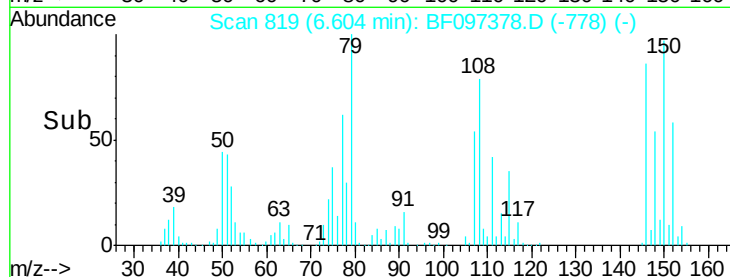
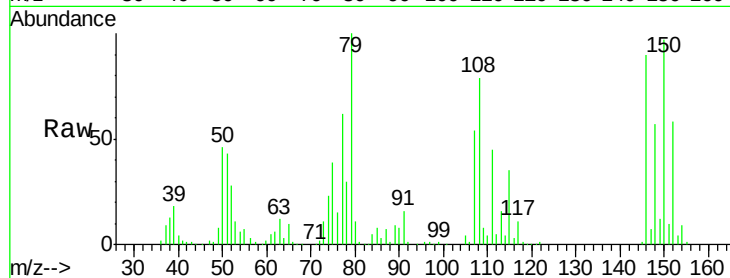
Tot Ion: 79 Resp: 206672

Ion Ratio Lower Upper

79 100

108 78.8 63.4 95.0

77 61.7 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.94 ng

RT: 6.73 min Scan# 840

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

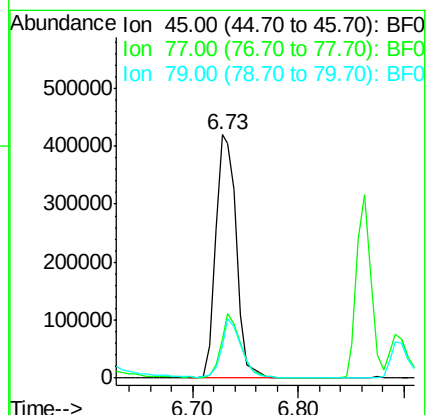
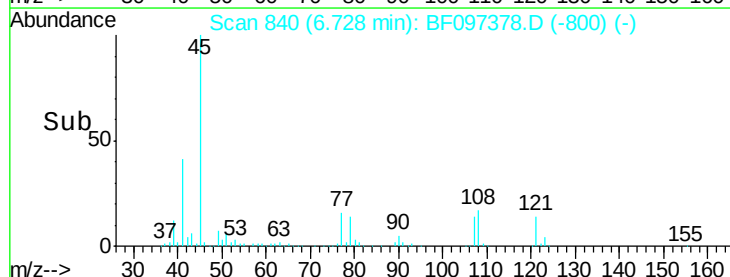
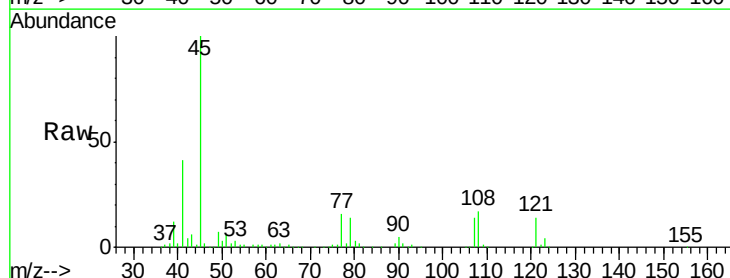
Tgt Ion: 45 Resp: 575725

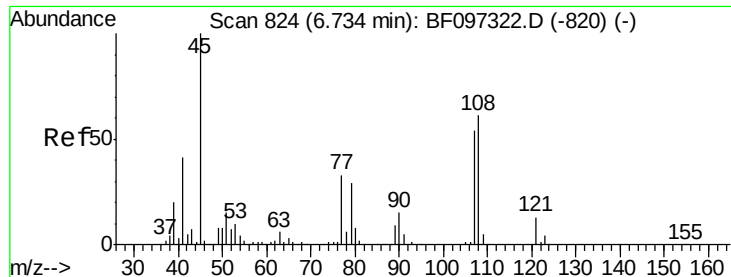
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.2

79 13.6 0.0 30.0

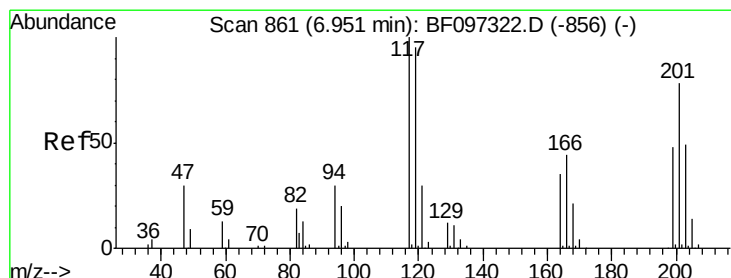
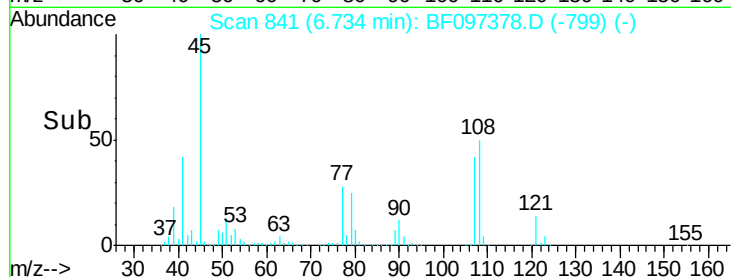
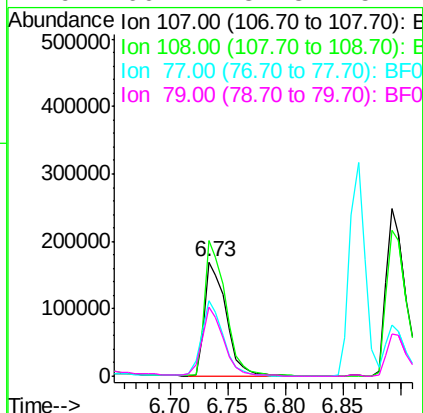
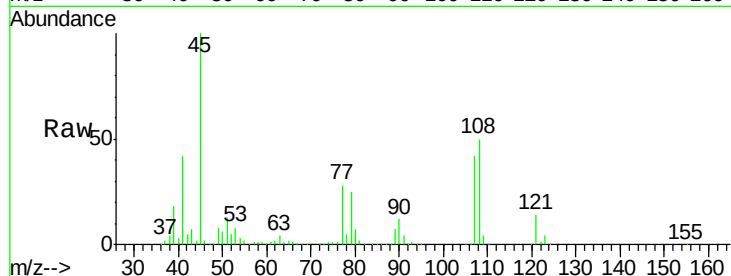




#17
2-Methylphenol
Concen: 41.27 ng
RT: 6.73 min Scan# 841
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

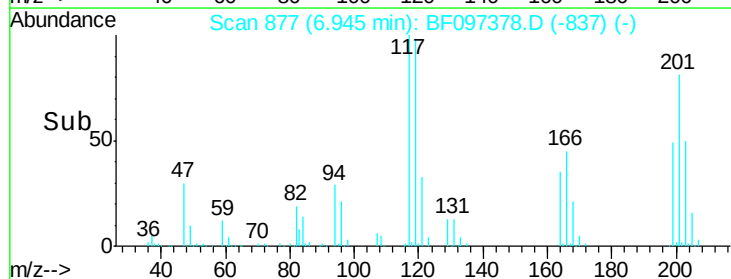
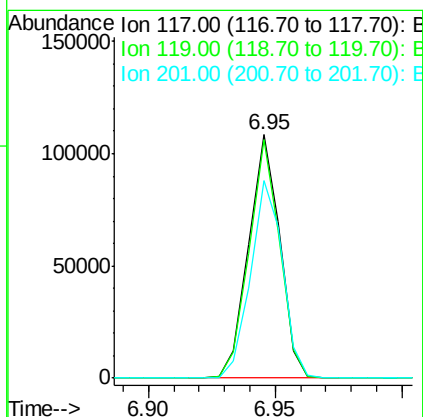
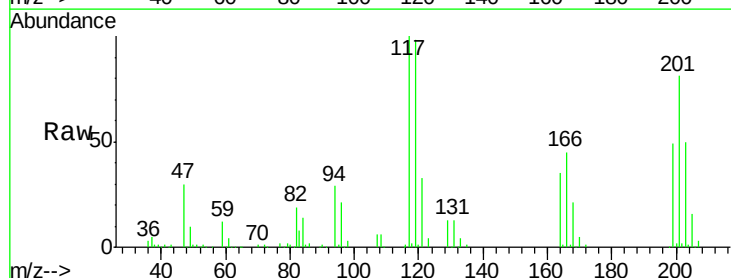
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

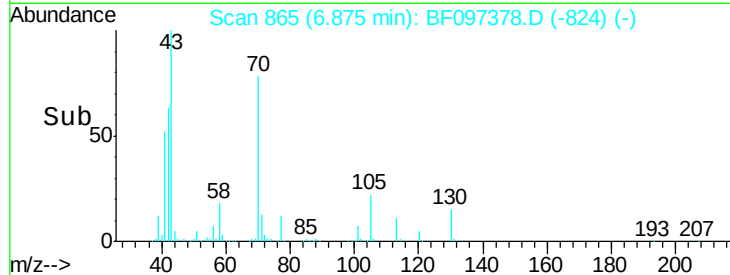
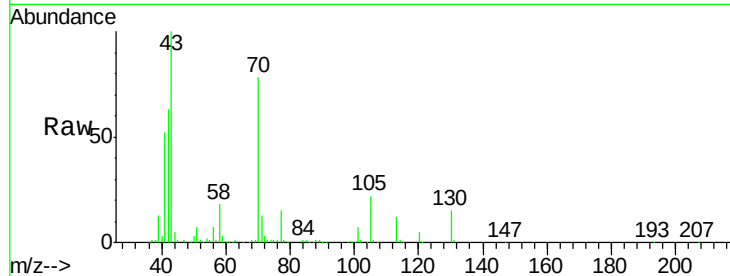
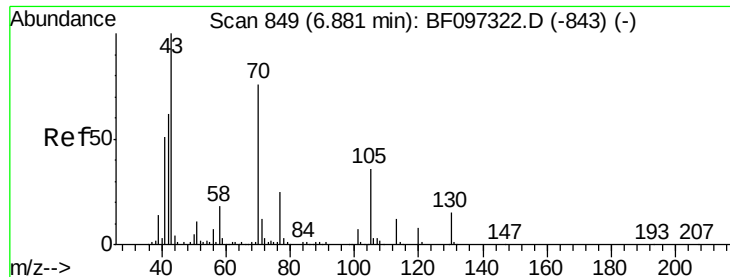
Tot Ion	Ratio	Lower	Upper
107	100		
108	118.0	93.4	140.0
77	65.9	35.8	53.6#
79	60.1	34.8	52.2#



#18
Hexachloroethane
Concen: 34.00 ng
RT: 6.95 min Scan# 877
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	77.4	116.0
201	81.0	94.6	141.8#

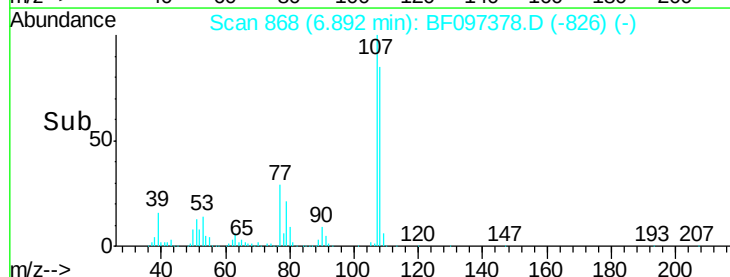
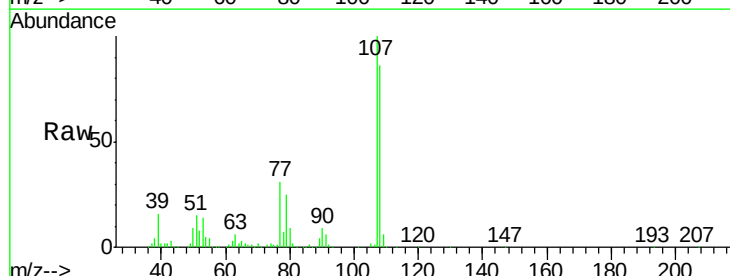
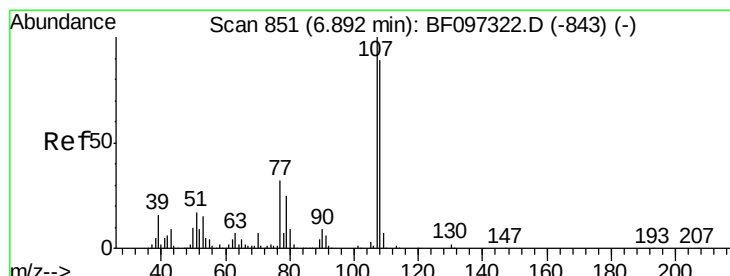
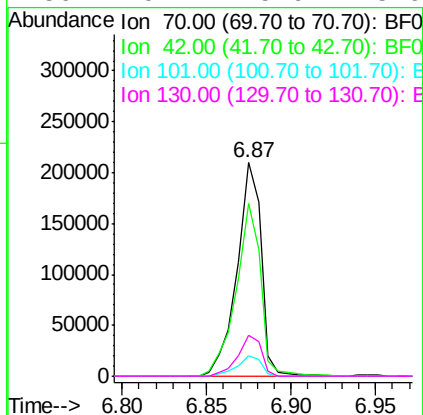




#19
n-Nitroso-di-n-propylamine
Concen: 42.63 ng
RT: 6.87 min Scan# 865
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

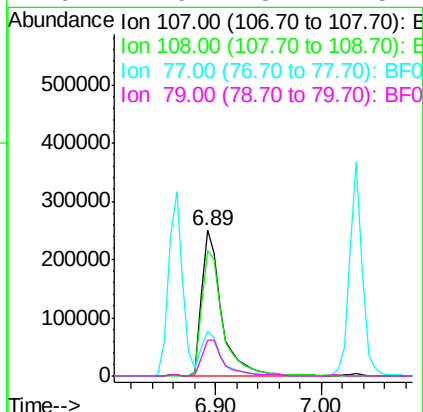
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

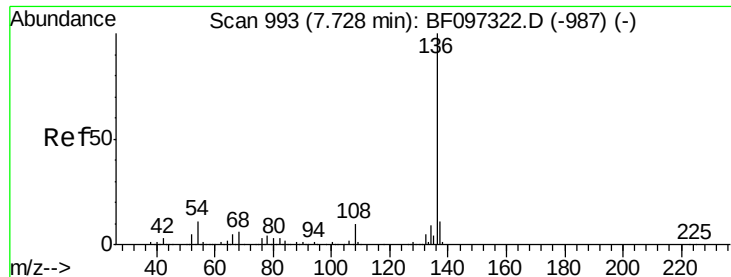
Tot Ion:	70	Resp:	209666
Ion	Ratio	Lower	Upper
70	100		
42	81.1	47.2	70.8#
101	9.4	7.2	10.8
130	19.1	15.9	23.9



#20
3+4-Methylphenols
Concen: 45.55 ng
RT: 6.89 min Scan# 868
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:	107	Resp:	321399
Ion	Ratio	Lower	Upper
107	100		
108	86.4	71.0	111.0
77	30.5	90.5	130.5#
79	24.9	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 401800

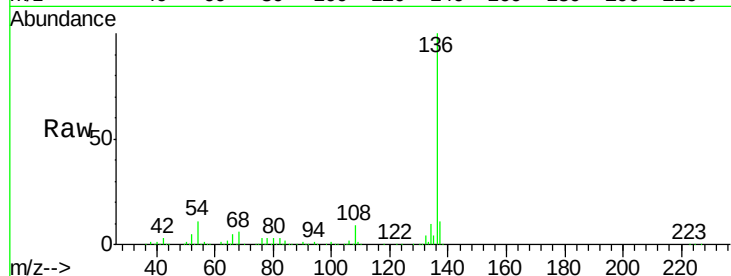
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 11.3 4.9 7.3#

68 5.5 4.1 6.1

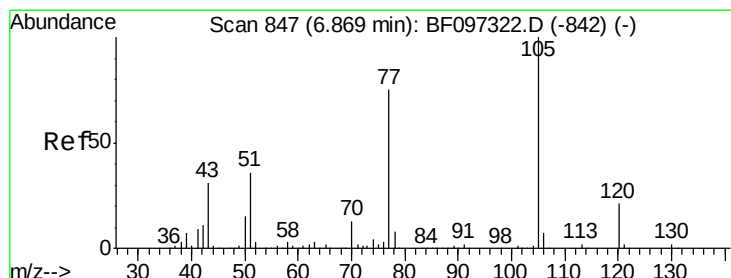
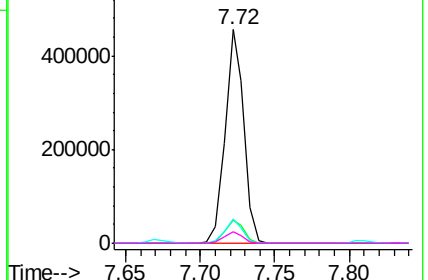
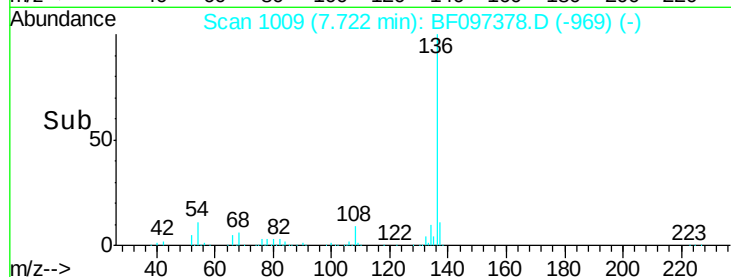


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.26 ng

RT: 6.86 min Scan# 863

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Tgt Ion:105 Resp: 398169

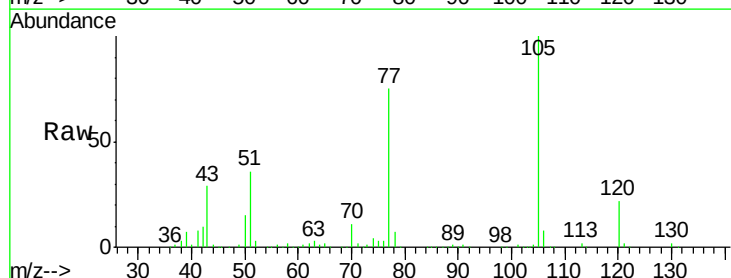
Ion Ratio Lower Upper

105 100

71 1.8 2.8 4.2#

51 36.3 30.7 46.1

120 21.6 17.4 26.0

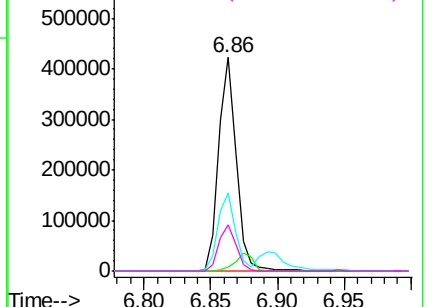
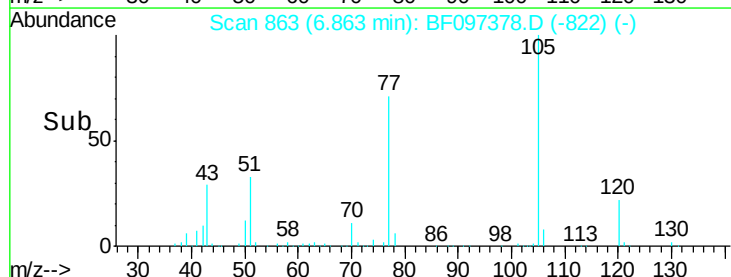


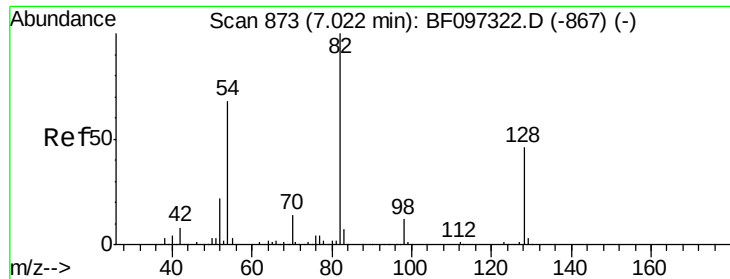
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

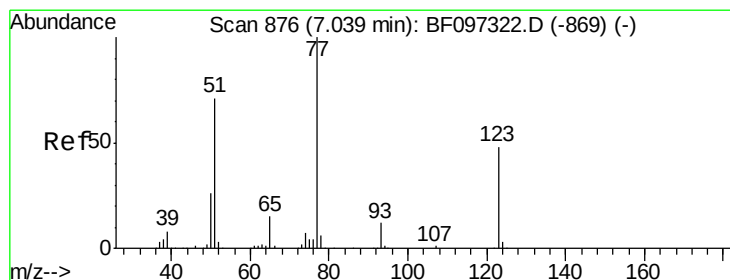
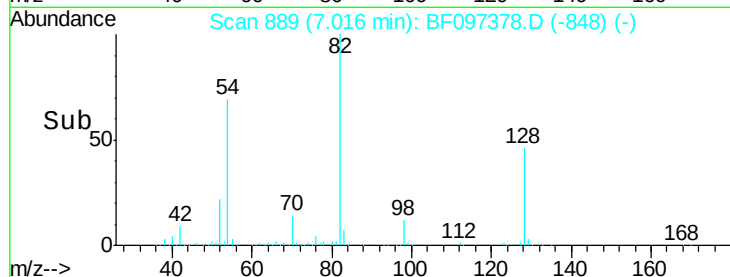
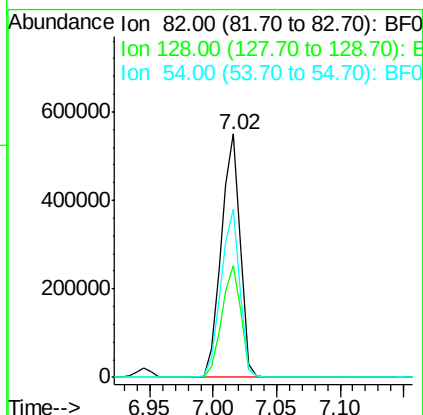
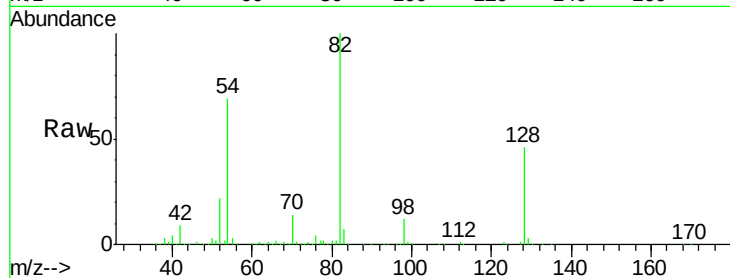




#23
 Nitrobenzene-d5
 Concen: 83.60 ng
 RT: 7.02 min Scan# 889
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

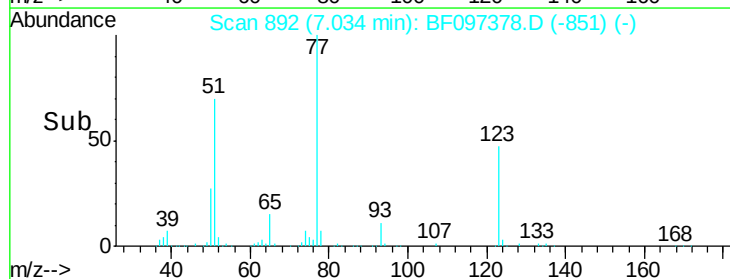
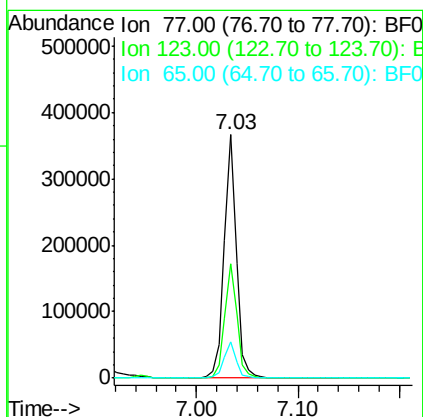
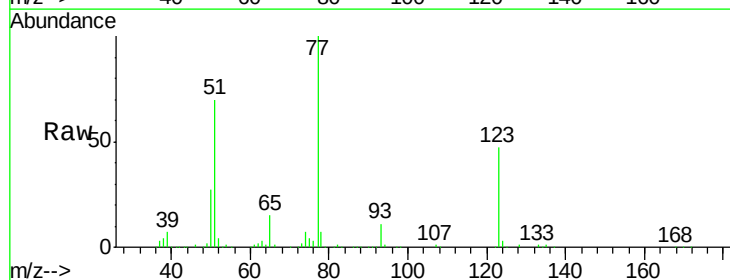
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

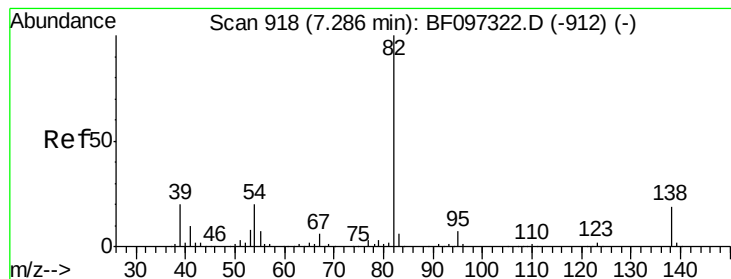
Tot Ion: 82 Resp: 572620
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.0 51.0
 54 68.9 42.2 63.2#



#24
 Nitrobenzene
 Concen: 43.24 ng
 RT: 7.03 min Scan# 892
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion: 77 Resp: 308419
 Ion Ratio Lower Upper
 77 100
 123 46.8 35.8 53.8
 65 15.1 10.6 15.8





#25

Isophorone

Concen: 38.47 ng

RT: 7.27 min Scan# 933

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

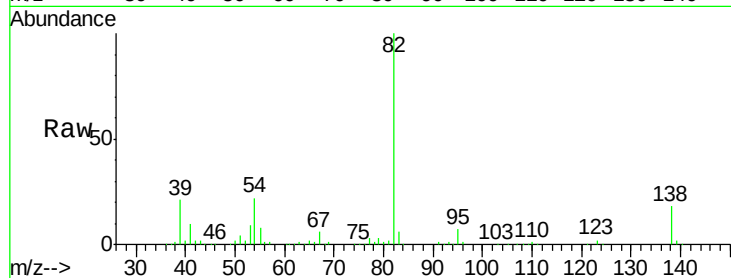
Tot Ion: 82 Resp: 516075

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

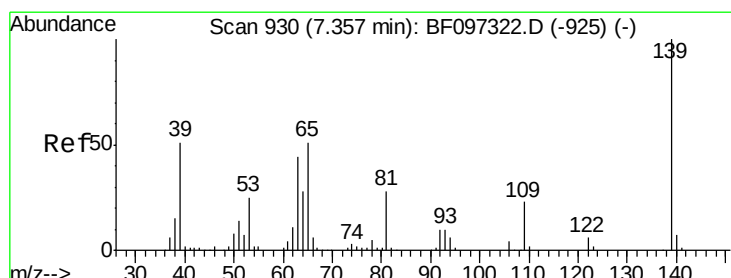
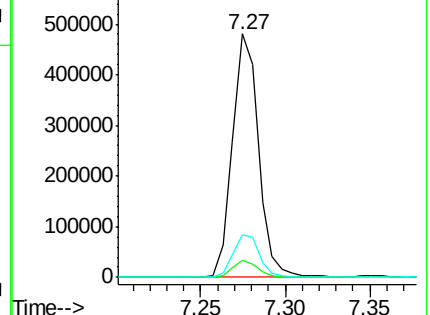
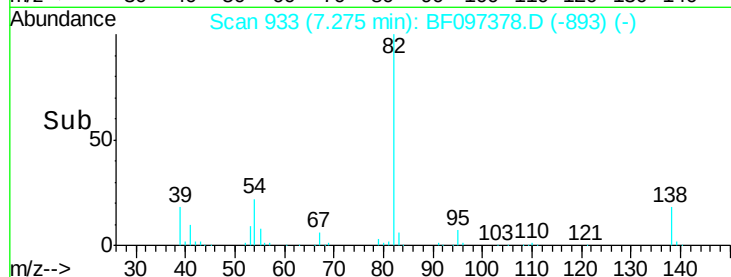
138 17.6 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.02 ng

RT: 7.35 min Scan# 946

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

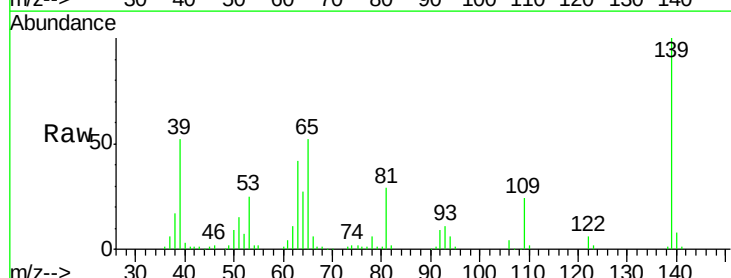
Tgt Ion: 139 Resp: 142861

Ion Ratio Lower Upper

139 100

109 23.9 21.0 31.6

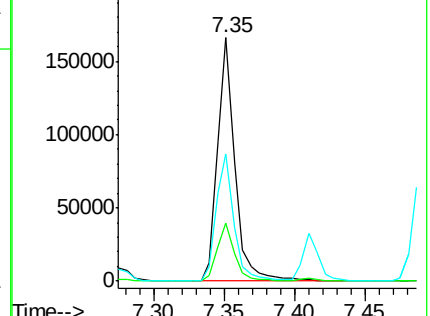
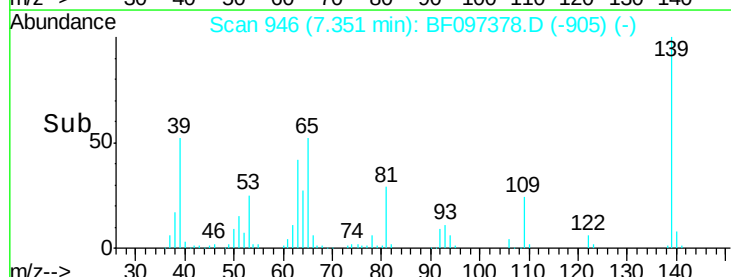
65 52.1 33.0 49.6#

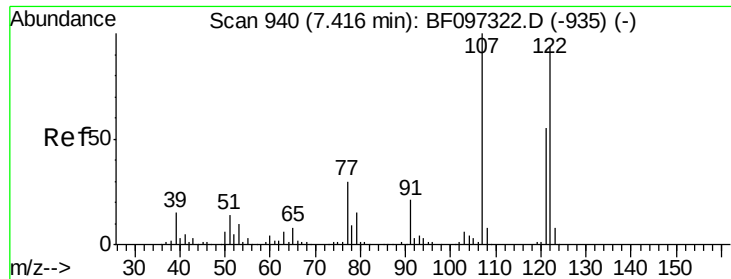


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

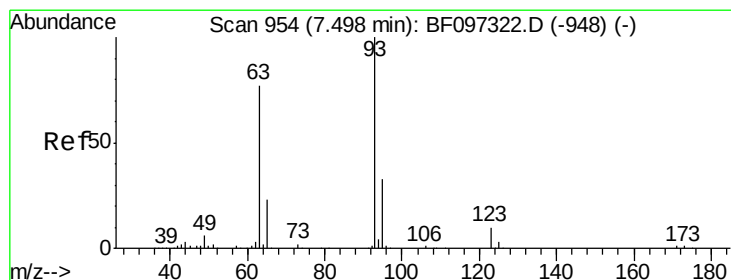
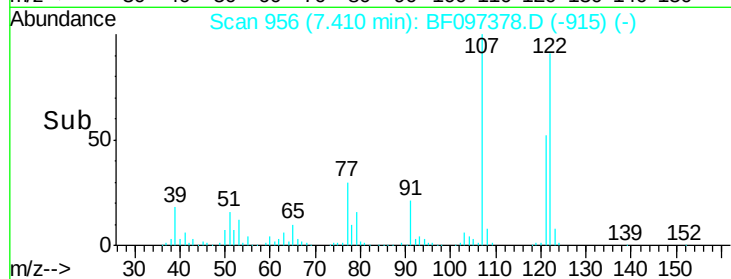
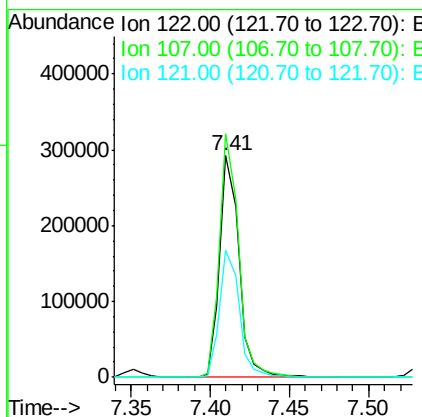
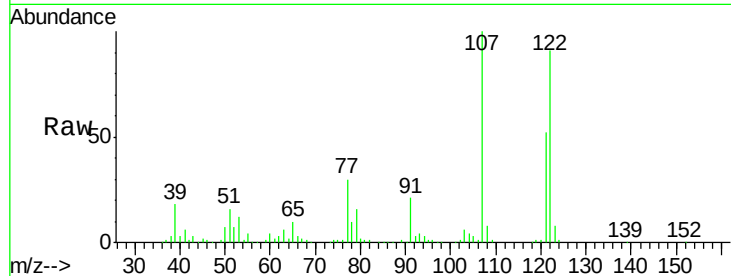




#27
 2,4-Dimethylphenol
 Concen: 39.27 ng
 RT: 7.41 min Scan# 956
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

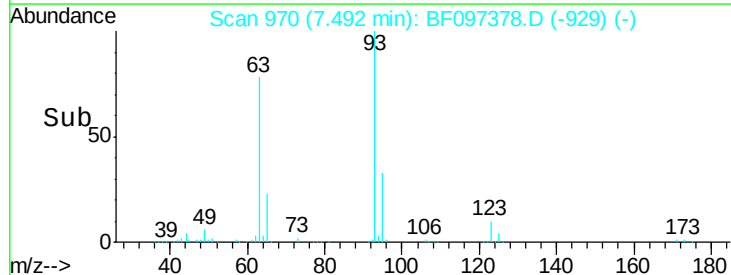
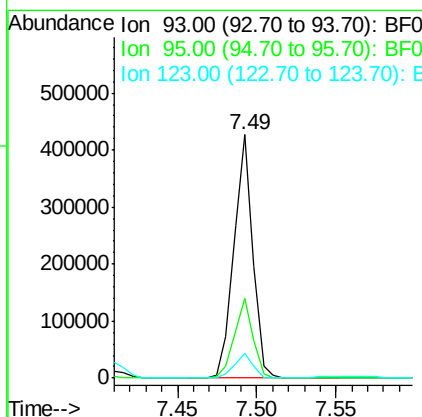
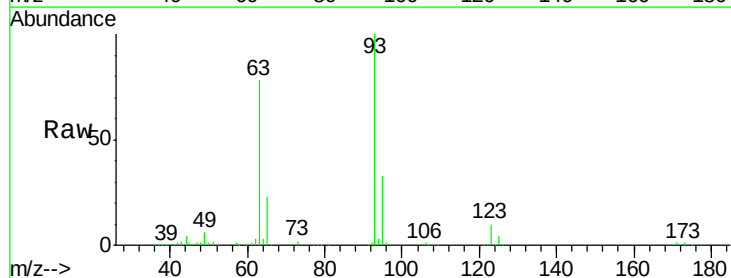
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

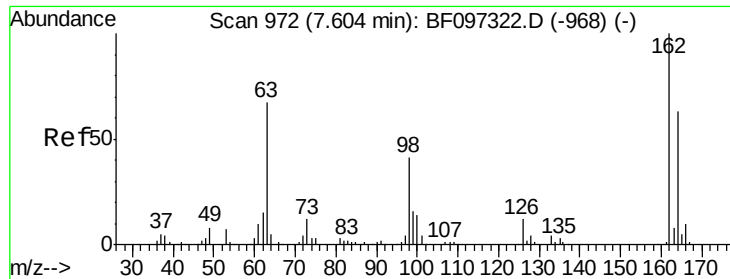
Tot Ion:122 Resp: 250016
 Ion Ratio Lower Upper
 122 100
 107 109.8 89.2 133.8
 121 57.6 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.43 ng
 RT: 7.49 min Scan# 970
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion: 93 Resp: 353933
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 10.3 9.0 13.4

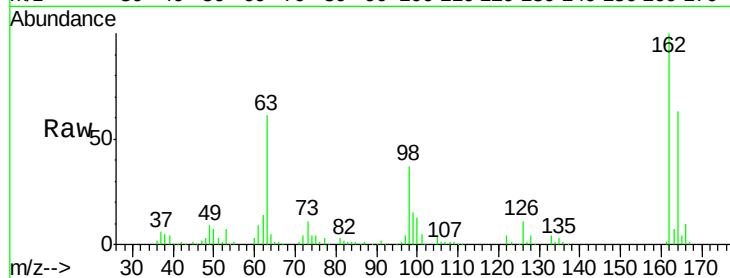




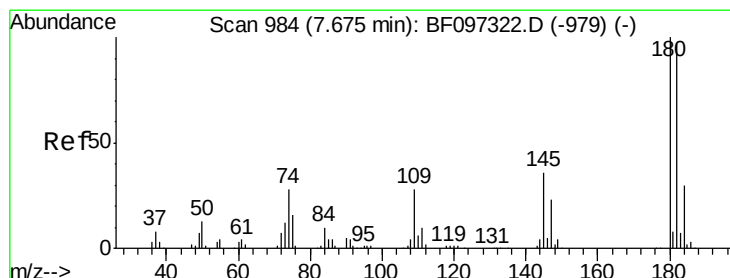
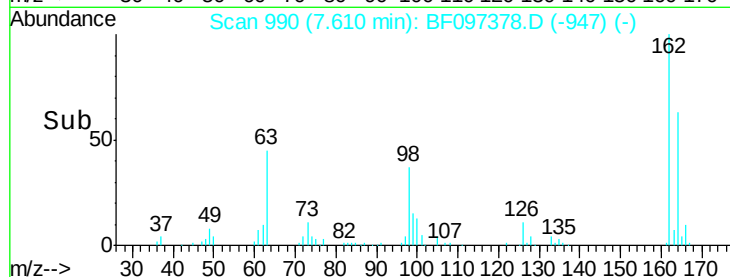
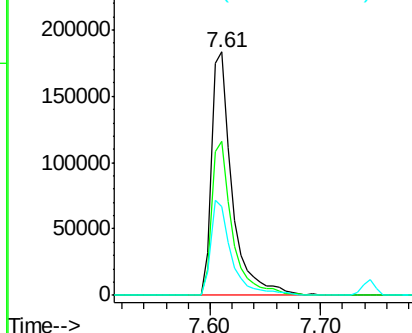
#29
 2,4-Dichlorophenol
 Concen: 42.53 ng
 RT: 7.61 min Scan# 990
 Delta R.T. -0.05 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	44.6	84.6
98	36.7	14.8	54.8

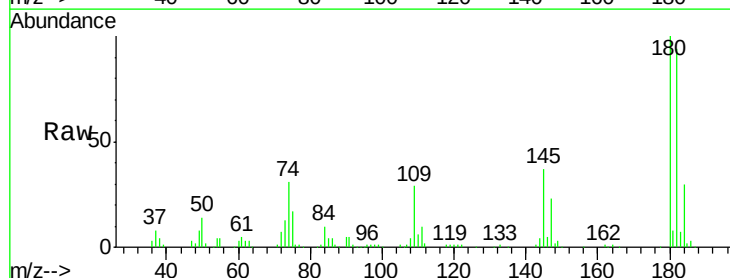


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

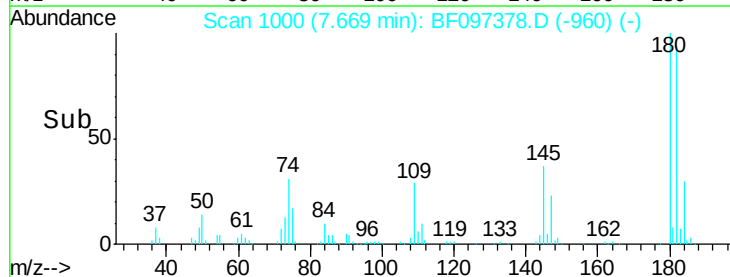
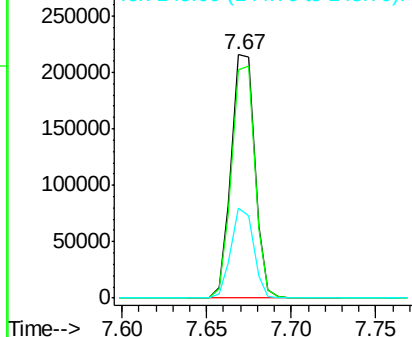


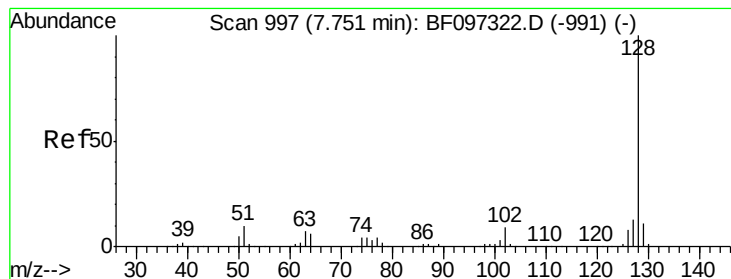
#30
 1,2,4-Trichlorobenzene
 Concen: 40.14 ng
 RT: 7.67 min Scan# 1000
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	75.8	113.6
145	37.0	25.3	37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.15 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

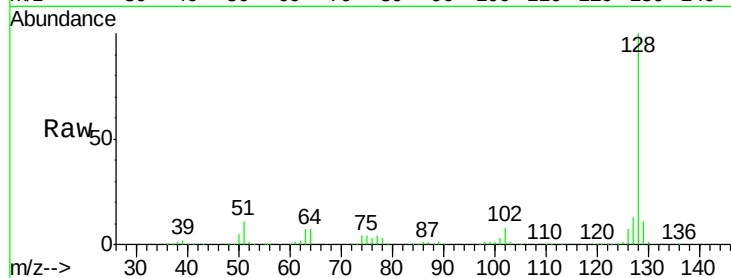
Tot Ion:128 Resp: 779325

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

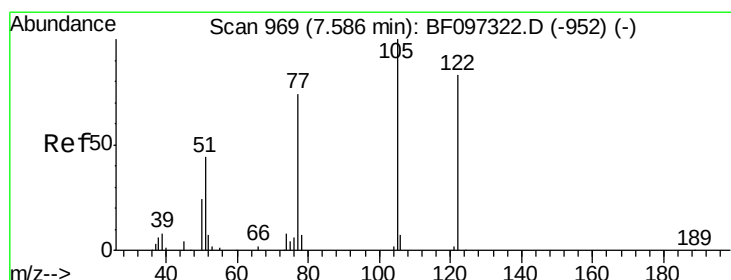
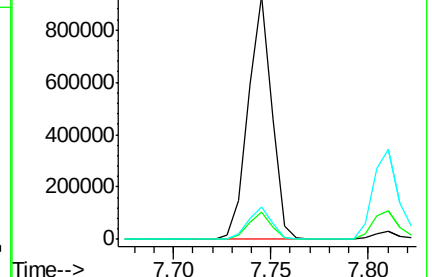
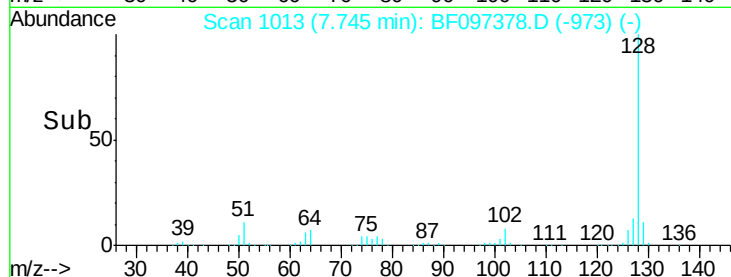
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.66 ng

RT: 7.57 min Scan# 983

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

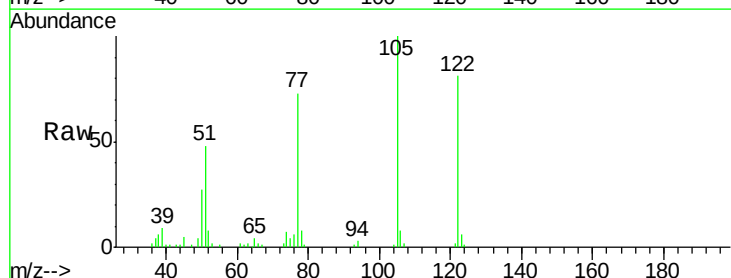
Tgt Ion:122 Resp: 107728

Ion Ratio Lower Upper

122 100

105 123.3 103.3 143.3

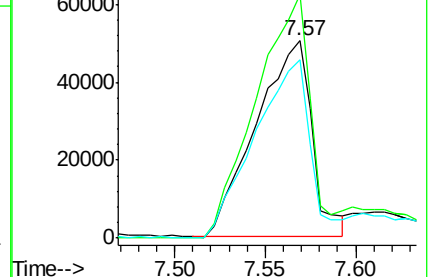
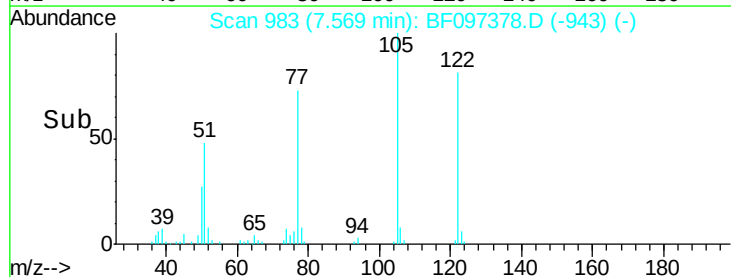
77 90.4 73.7 113.7

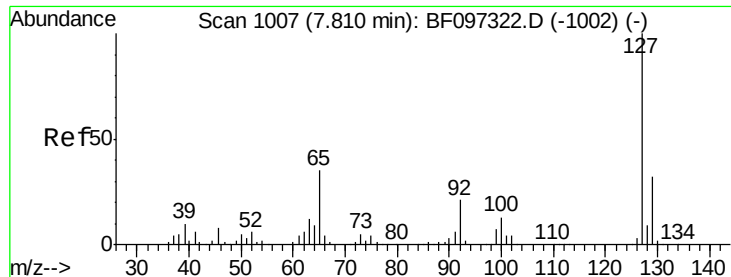


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

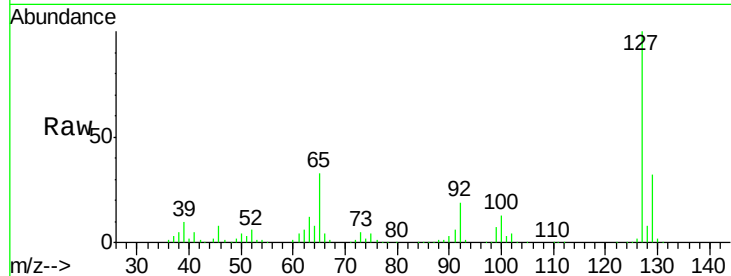




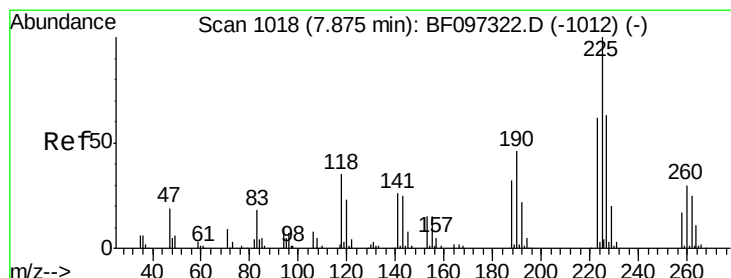
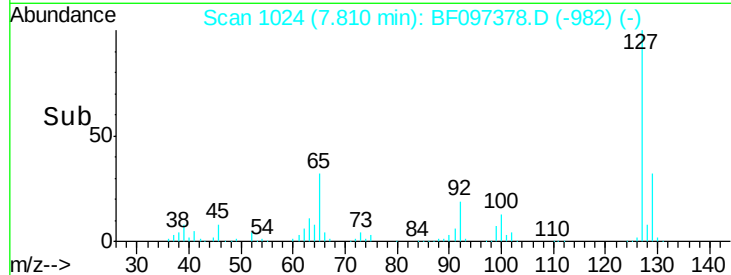
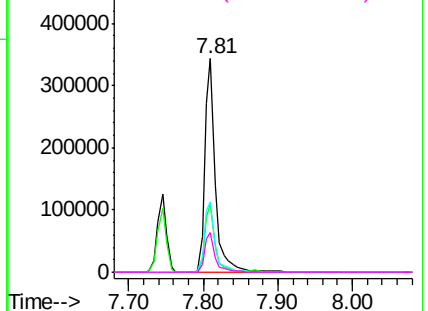
#33
4-Chloroaniline
Concen: 43.86 ng
RT: 7.81 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	127	Resp:	338037
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.2
65	32.9	27.8	41.8
92	18.8	16.8	25.2

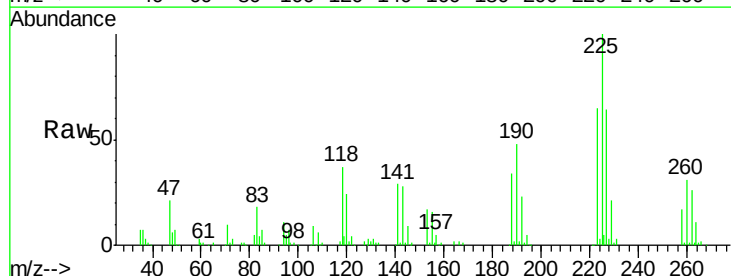


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

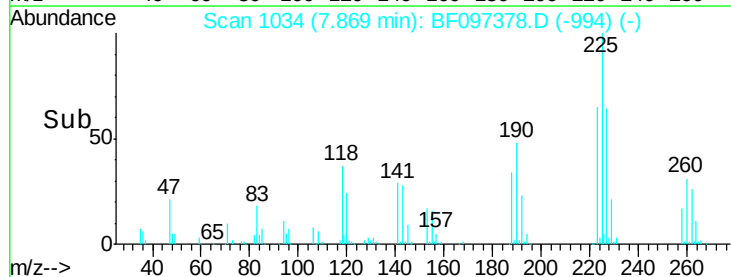
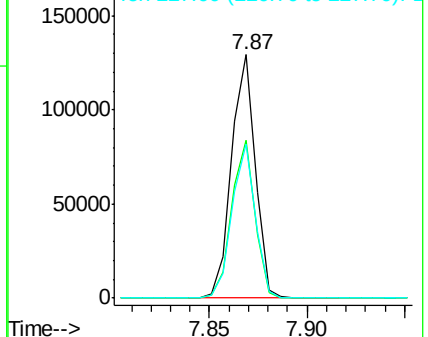


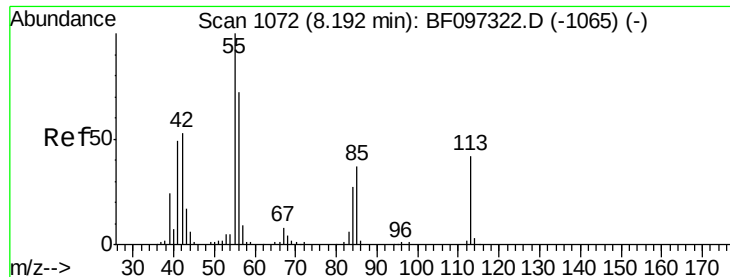
#34
Hexachlorobutadiene
Concen: 39.40 ng
RT: 7.87 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:	225	Resp:	109194
Ion	Ratio	Lower	Upper
225	100		
223	64.9	48.8	73.2
227	63.5	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.42 ng

RT: 8.19 min Scan# 1088

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

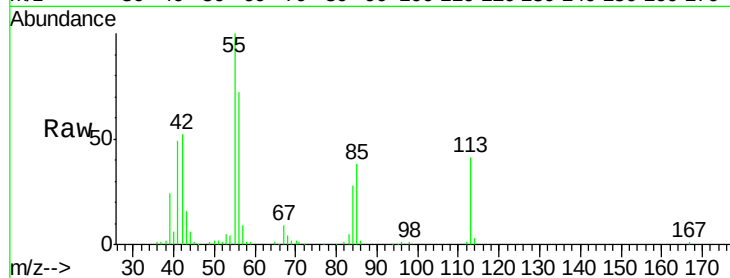
Tot Ion:113 Resp: 74605

Ion Ratio Lower Upper

113 100

55 241.5 150.2 190.2#

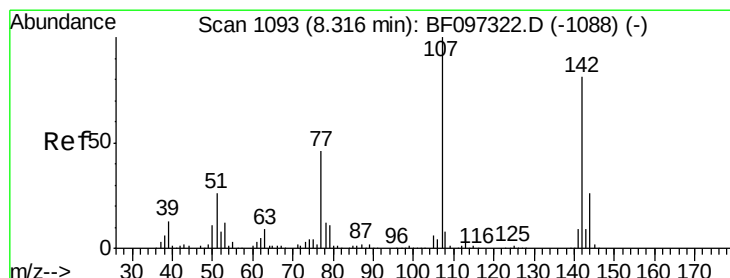
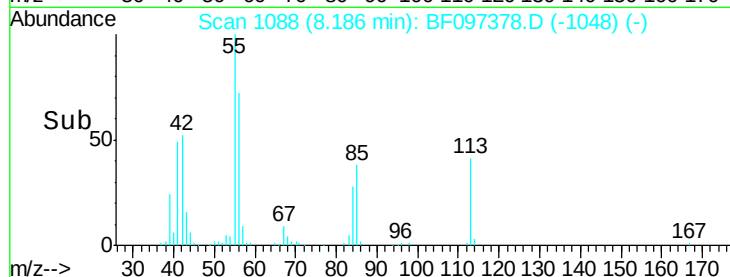
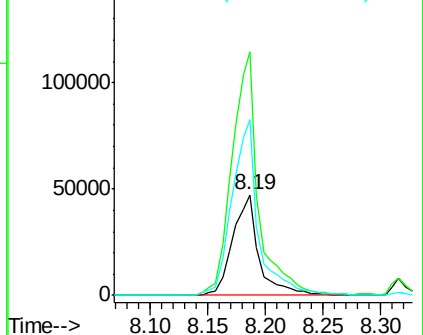
56 173.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.87 ng

RT: 8.32 min Scan# 1110

Delta R.T. -0.05 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

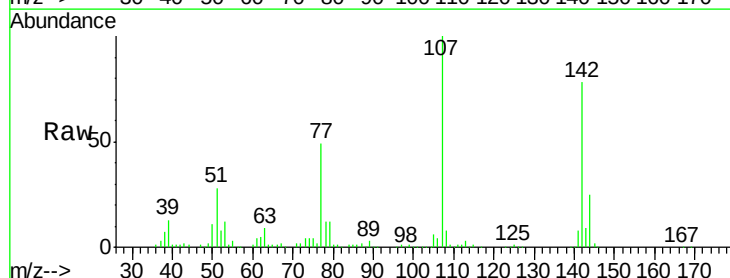
Tgt Ion:107 Resp: 250496

Ion Ratio Lower Upper

107 100

144 25.2 24.2 36.4

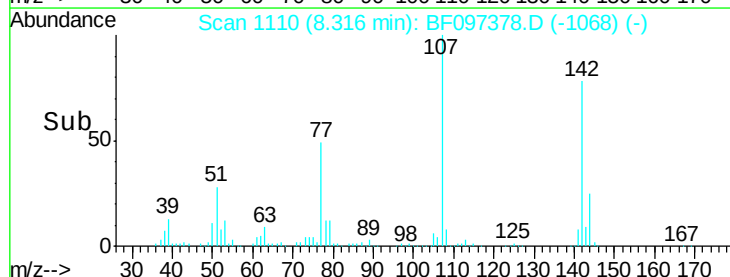
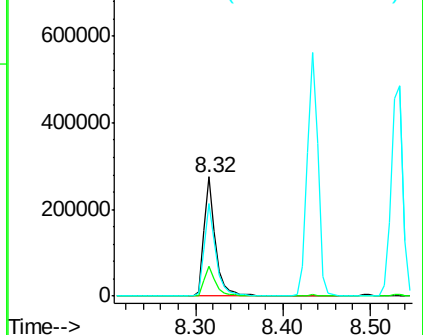
142 77.9 73.4 110.0

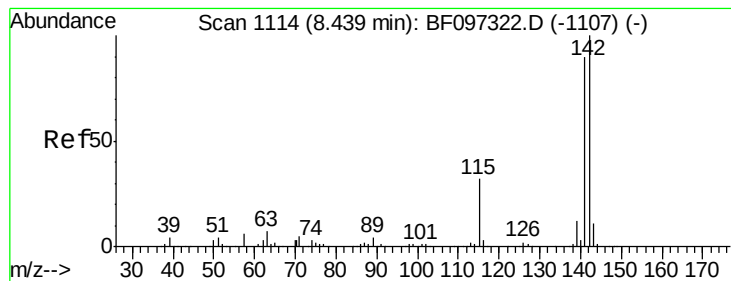


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

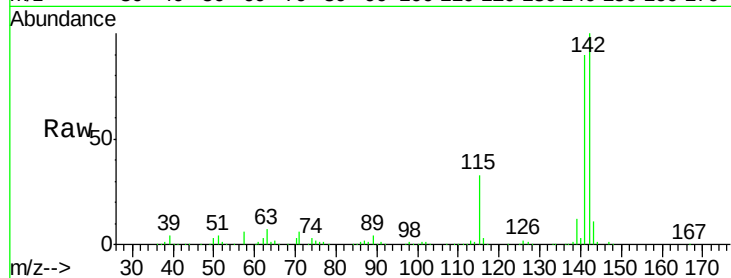




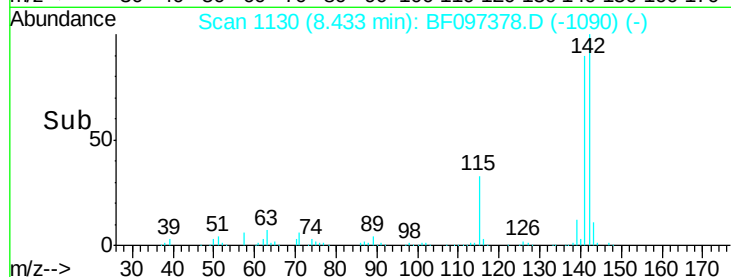
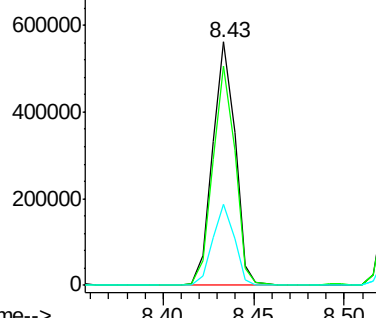
#37
 2-Methylnaphthalene
 Concen: 40.37 ng
 RT: 8.43 min Scan# 1130
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

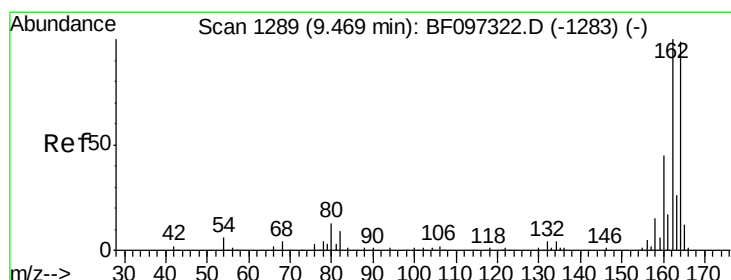
Tot Ion:142 Resp: 484154
 Ion Ratio Lower Upper
 142 100
 141 89.8 71.3 106.9
 115 33.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

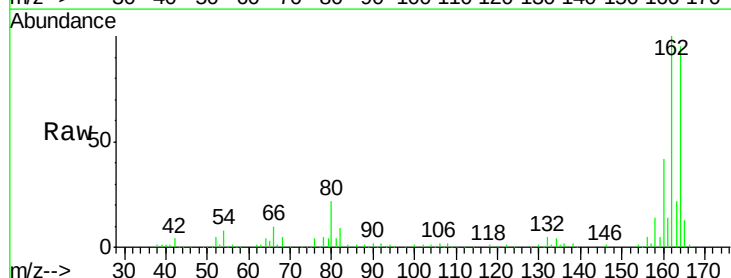


Time-->

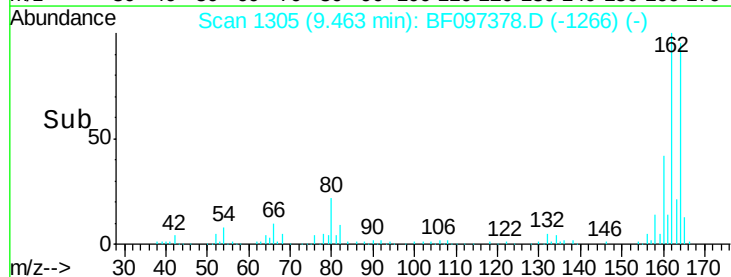
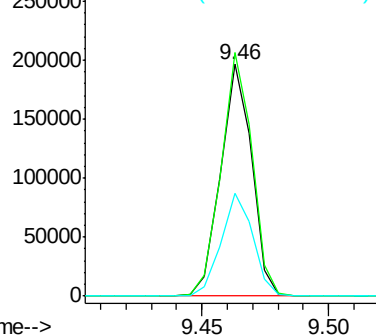


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

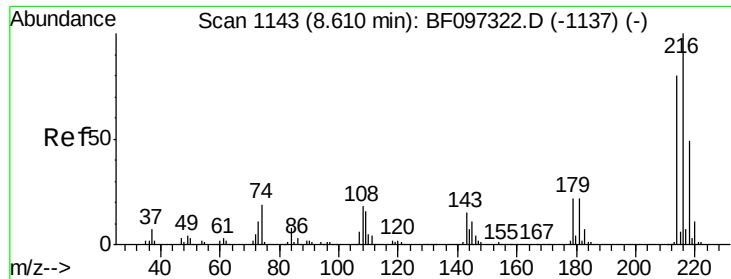
Tgt Ion:164 Resp: 167735
 Ion Ratio Lower Upper
 164 100
 162 105.2 82.6 123.8
 160 44.3 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



Time-->



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.10 ng

RT: 8.60 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 197380

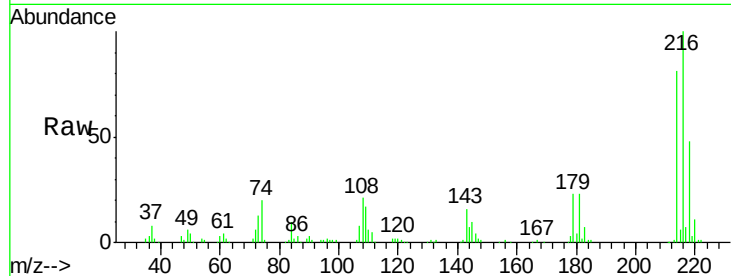
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.2

179 22.5 17.9 26.9

108 21.5 16.5 24.7

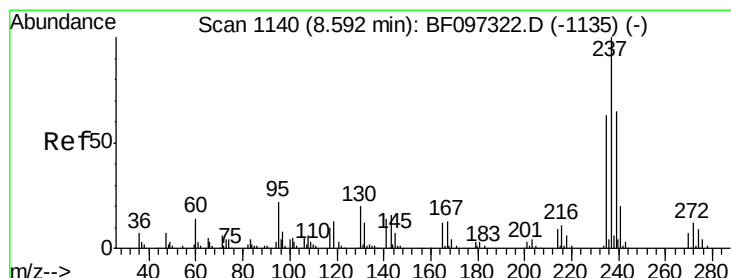
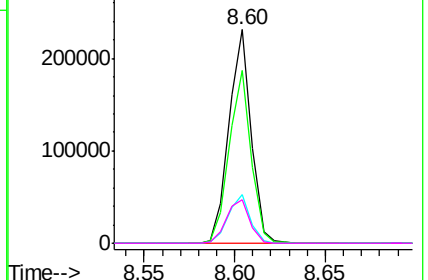
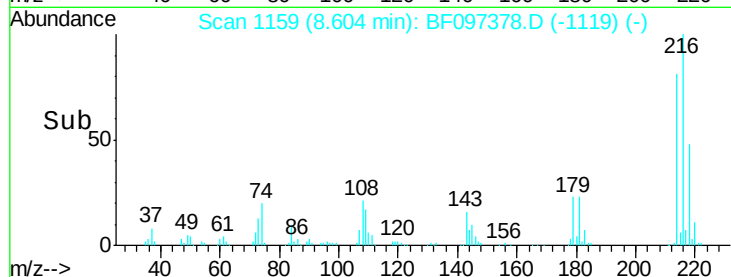


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 9.65 ng

RT: 8.59 min Scan# 1156

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

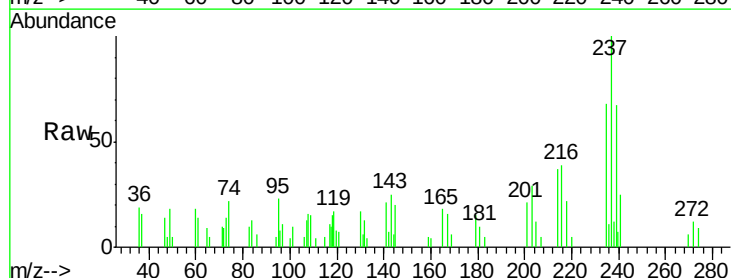
Tgt Ion:237 Resp: 5209

Ion Ratio Lower Upper

237 100

235 68.5 42.6 82.6

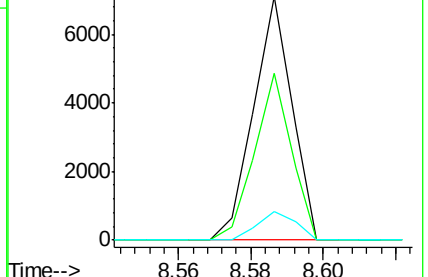
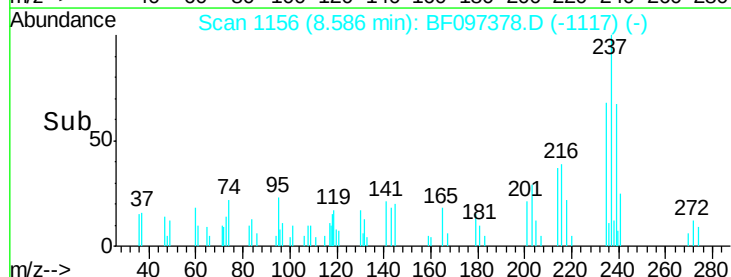
272 11.6 0.0 31.9

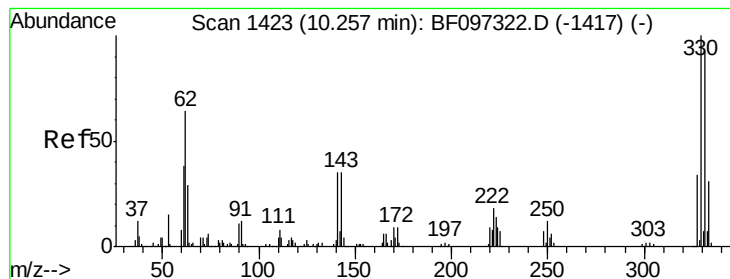


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

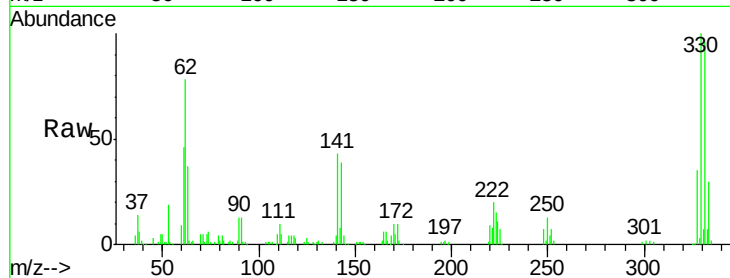




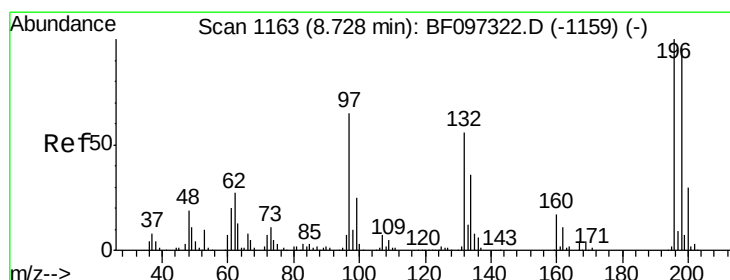
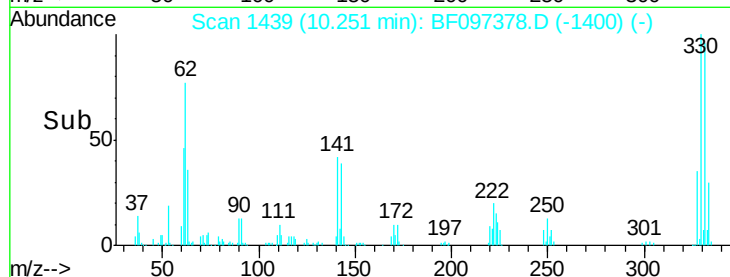
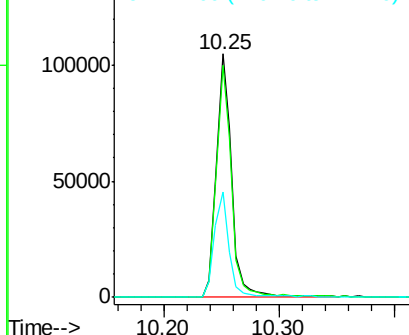
#41
 2,4,6-Tribromophenol
 Concen: 72.80 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:330 Resp: 96473
 Ion Ratio Lower Upper
 330 100
 332 93.9 76.6 115.0
 141 41.5 31.4 47.2

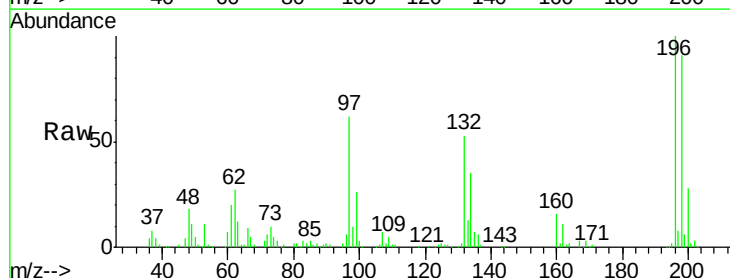


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

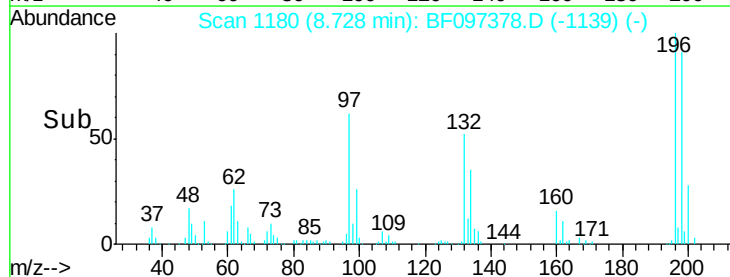
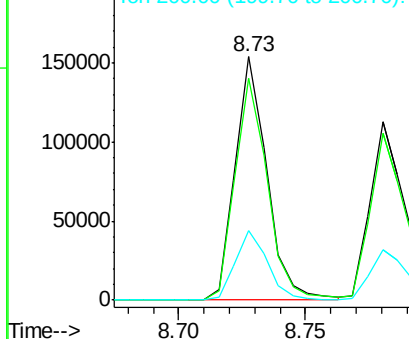


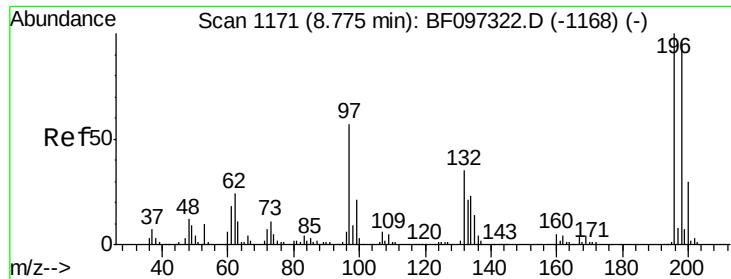
#42
 2,4,6-Trichlorophenol
 Concen: 41.22 ng
 RT: 8.73 min Scan# 1180
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:196 Resp: 133697
 Ion Ratio Lower Upper
 196 100
 198 91.1 74.2 111.4
 200 28.3 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

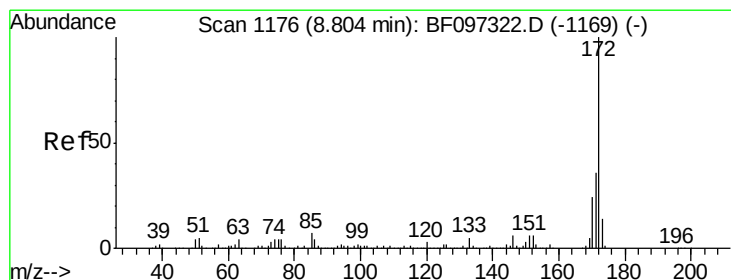
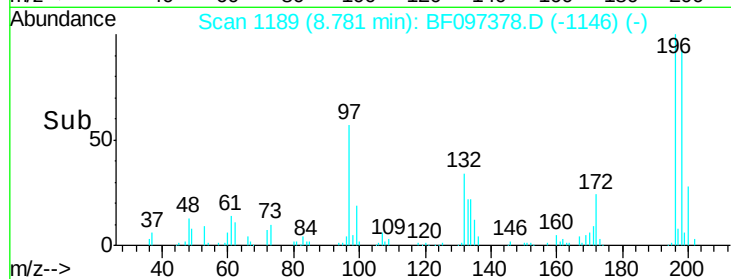
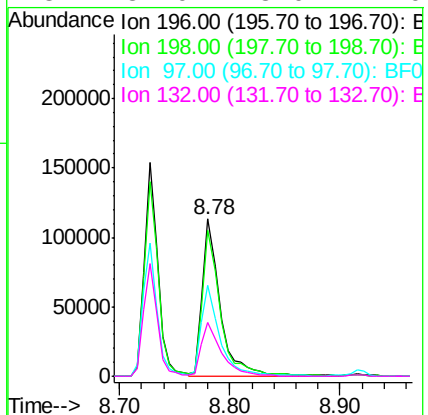
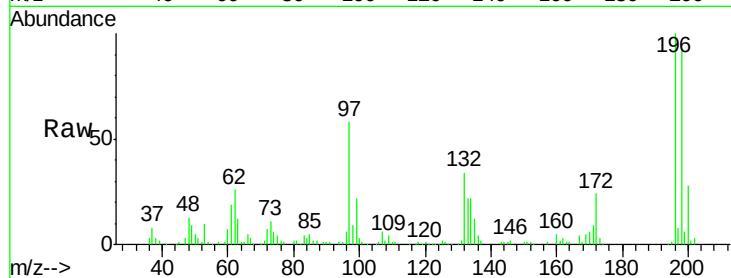




#43
 2,4,5-Trichlorophenol
 Concen: 38.32 ng
 RT: 8.78 min Scan# 1189
 Delta R.T. -0.05 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

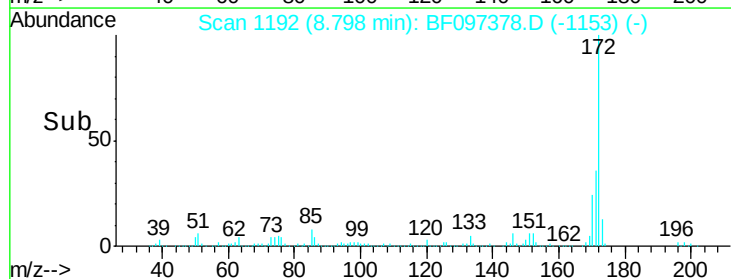
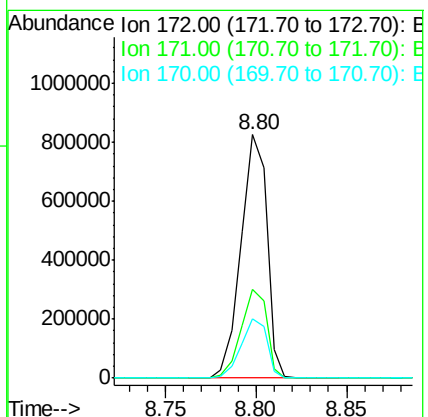
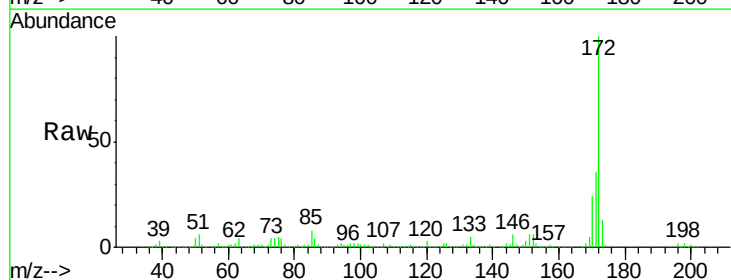
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

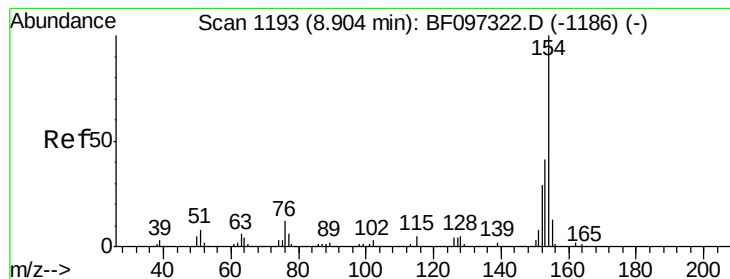
Tot Ion:	196	Resp:	124398
Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
97	57.8	47.7	71.5
132	34.0	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 83.33 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:	172	Resp:	823652
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.3	19.8	29.8





#45

1,1'-Biphenyl

Concen: 41.90 ng

RT: 8.90 min Scan# 1209

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

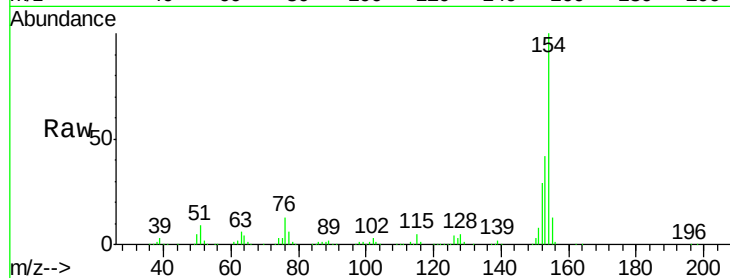
Tot Ion:154 Resp: 600280

Ion Ratio Lower Upper

154 100

153 41.5 21.2 61.2

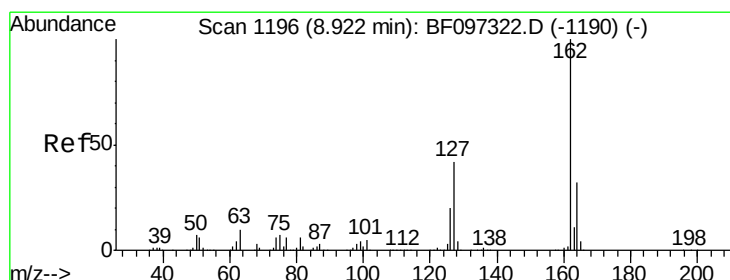
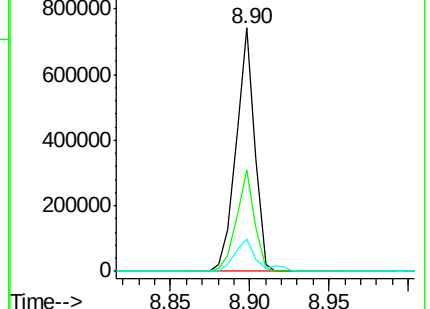
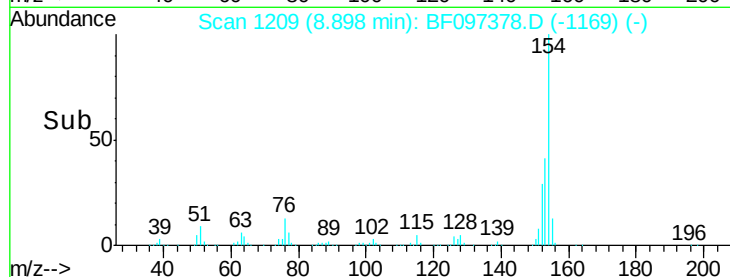
76 13.5 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.35 ng

RT: 8.92 min Scan# 1213

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

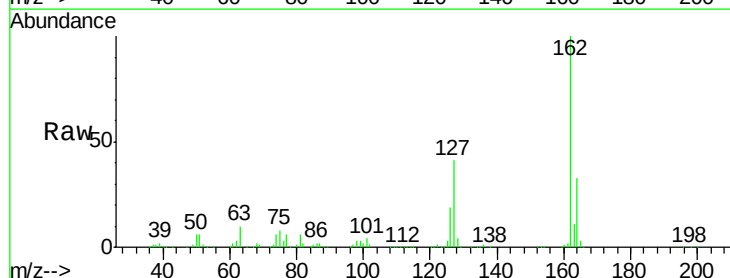
Tgt Ion:162 Resp: 435900

Ion Ratio Lower Upper

162 100

127 40.9 28.3 42.5

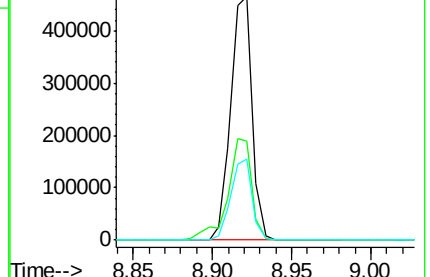
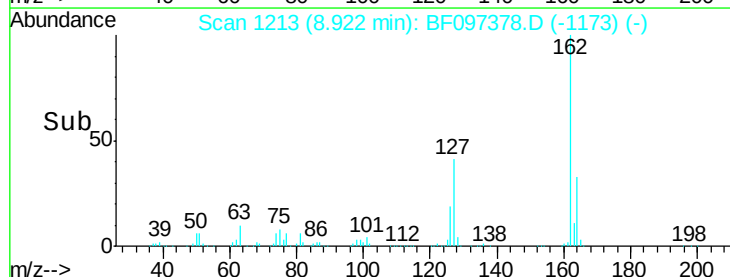
164 33.4 27.0 40.4

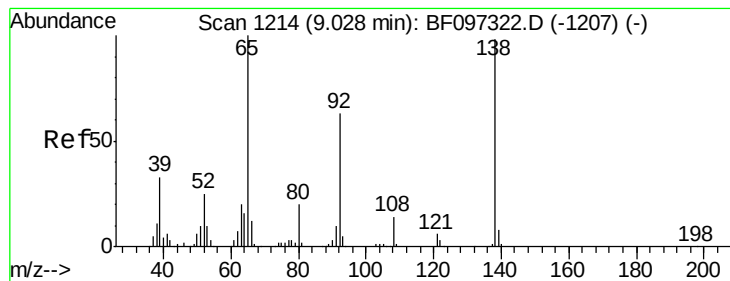


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.12 ng

RT: 9.03 min Scan# 1231

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

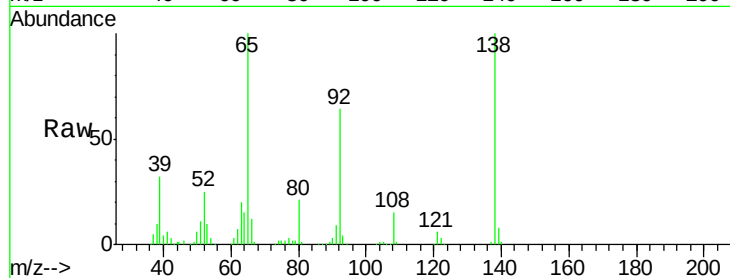
Tot Ion: 65 Resp: 168826

Ion Ratio Lower Upper

65 100

92 64.0 53.9 80.9

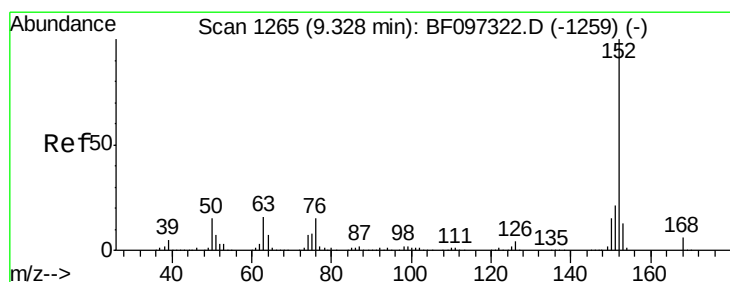
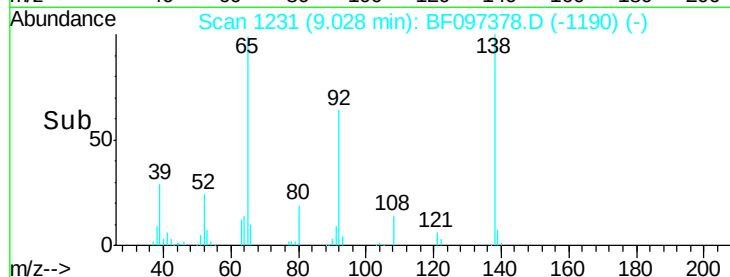
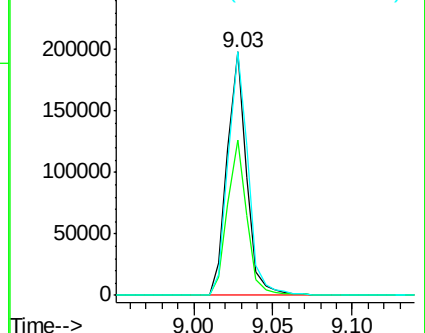
138 99.9 78.8 118.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 40.85 ng

RT: 9.33 min Scan# 1282

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

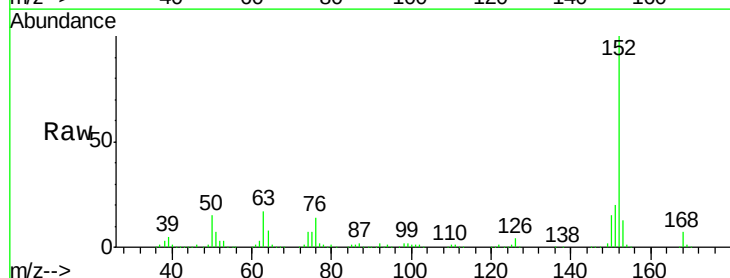
Tgt Ion: 152 Resp: 661085

Ion Ratio Lower Upper

152 100

151 20.1 16.8 25.2

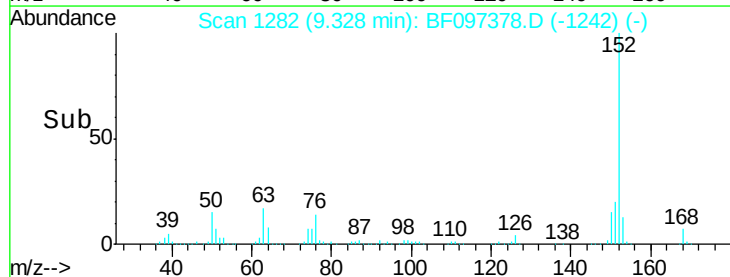
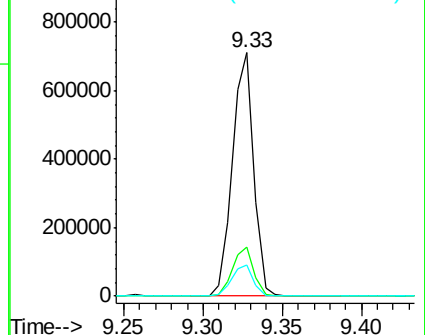
153 12.6 10.8 16.2

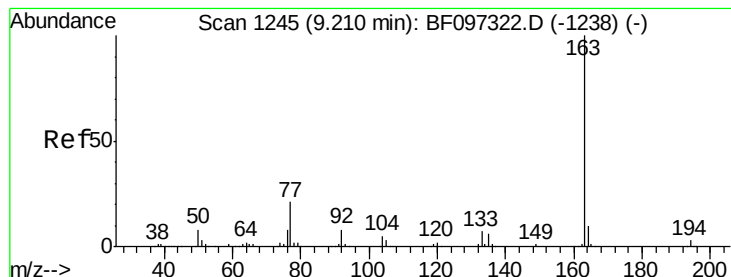


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 44.35 ng

RT: 9.20 min Scan# 1261

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

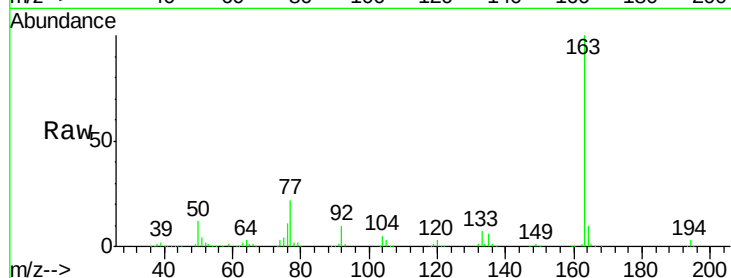
Tot Ion:163 Resp: 564918

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

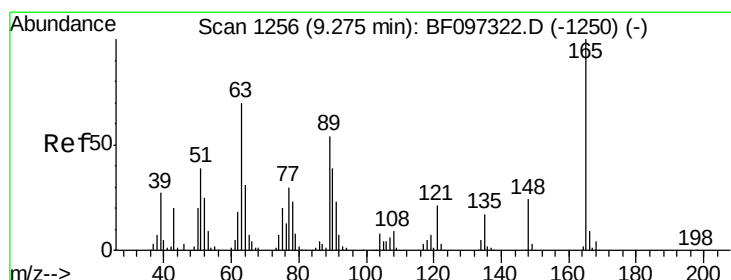
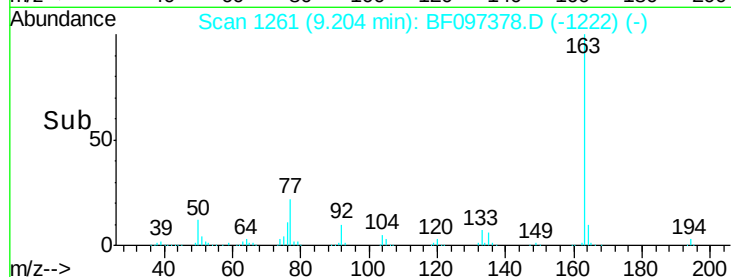
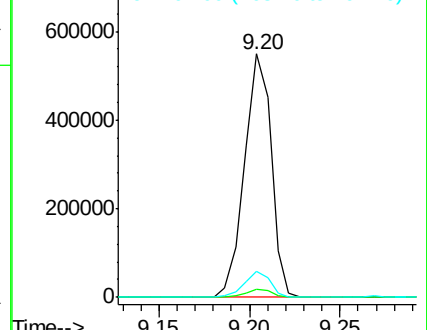
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.30 ng

RT: 9.27 min Scan# 1272

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

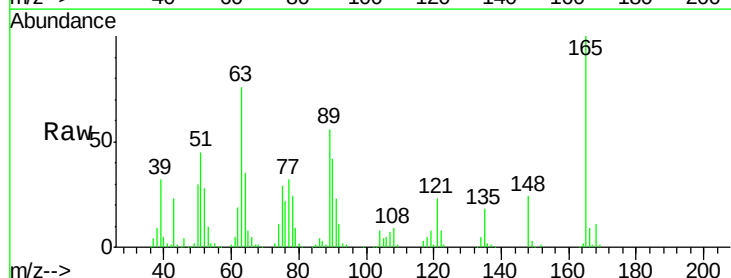
Tgt Ion:165 Resp: 114268

Ion Ratio Lower Upper

165 100

63 76.4 34.3 51.5#

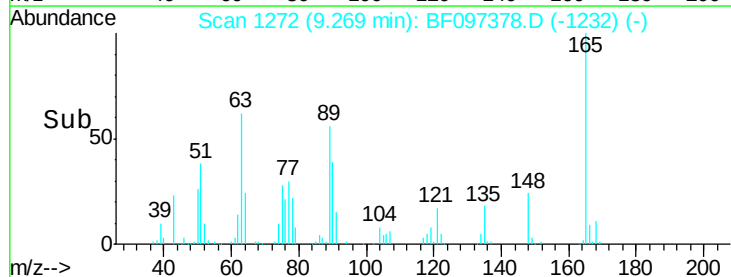
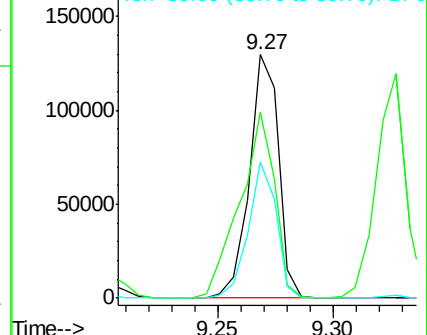
89 56.0 37.1 55.7#

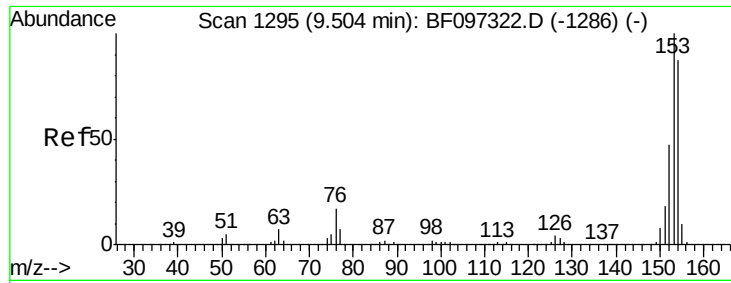


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

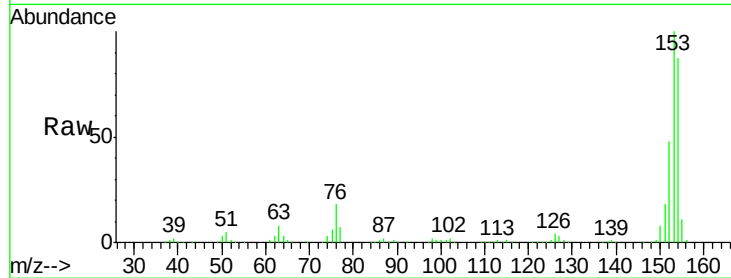




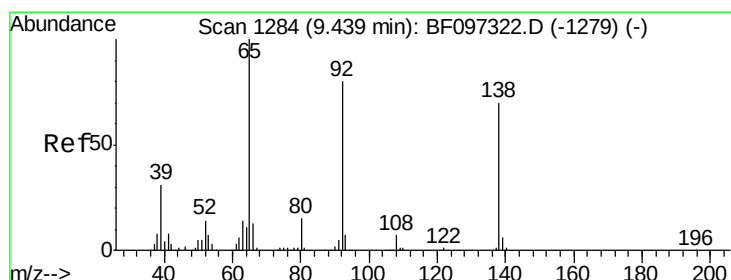
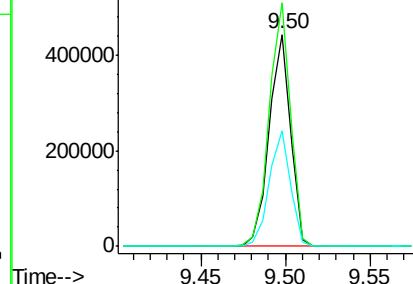
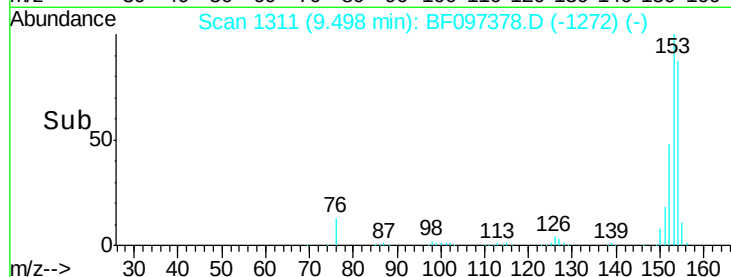
#51
Acenaphthene
Concen: 40.71 ng
RT: 9.50 min Scan# 1311
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:154 Resp: 388058
Ion Ratio Lower Upper
154 100
153 114.9 90.5 135.7
152 54.8 43.6 65.4

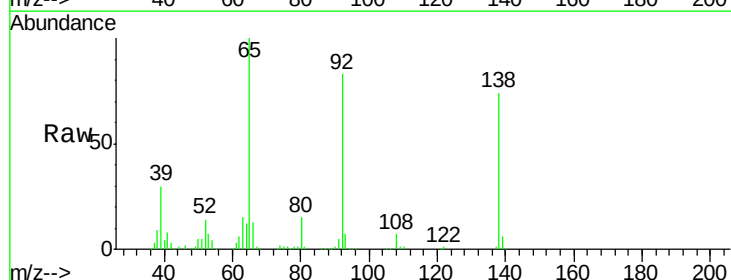


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

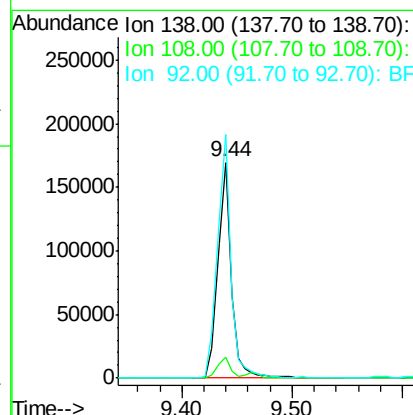
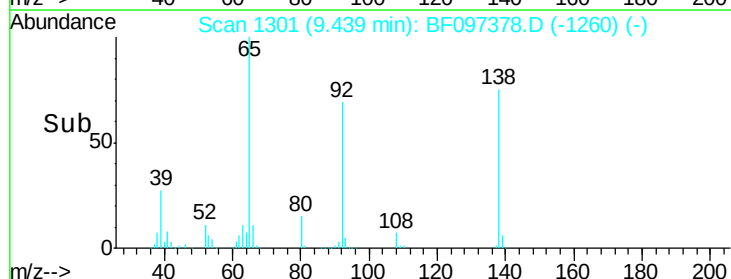


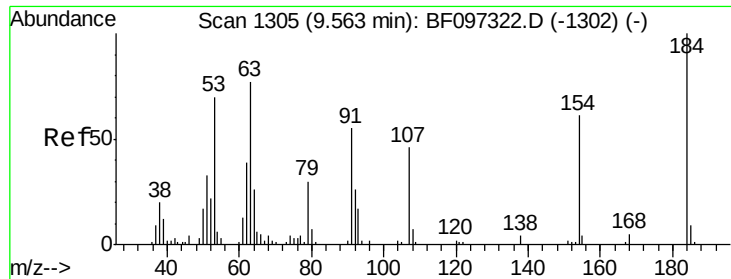
#52
3-Nitroaniline
Concen: 42.41 ng
RT: 9.44 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:138 Resp: 142223
Ion Ratio Lower Upper
138 100
108 9.5 9.1 13.7
92 112.8 93.8 140.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0

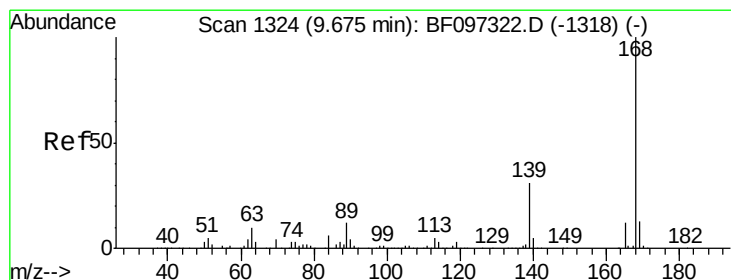
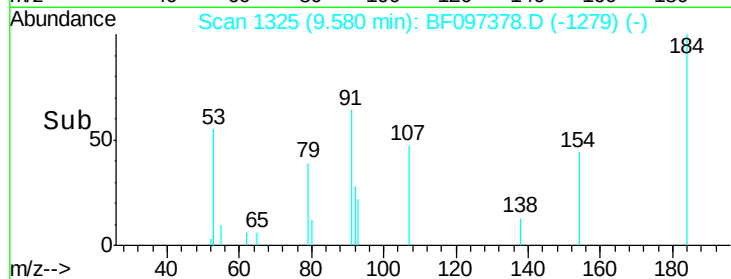
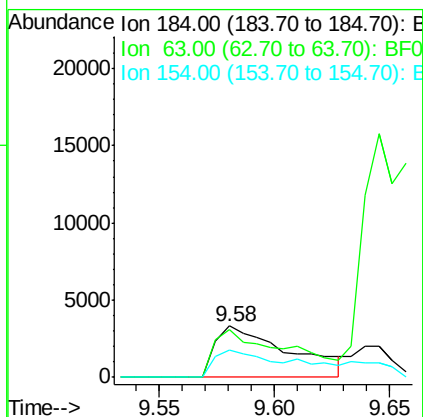
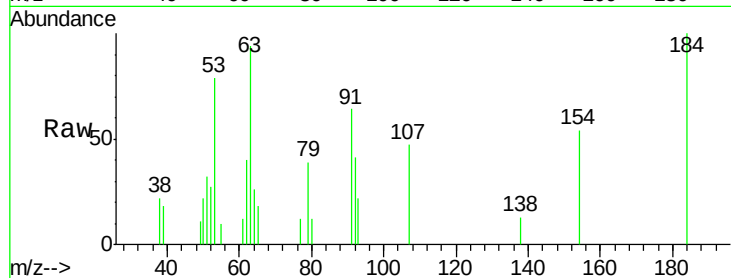




#53
 2,4-Dinitrophenol
 Concen: 5.94 ng
 RT: 9.58 min Scan# 1325
 Delta R.T. -0.03 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

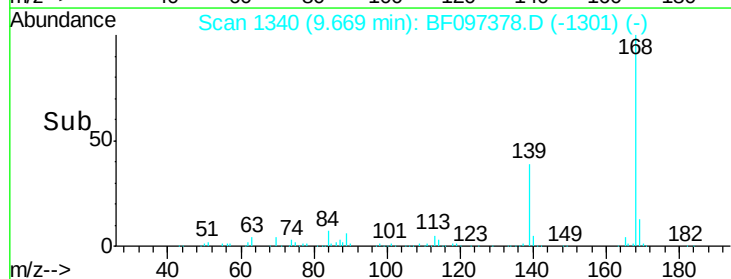
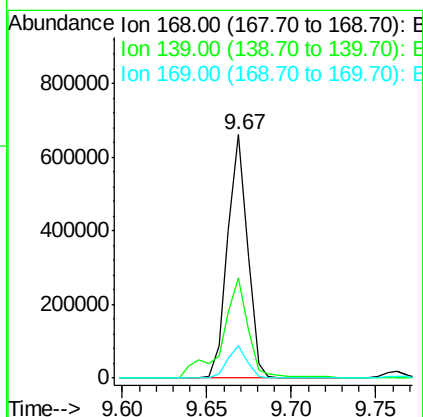
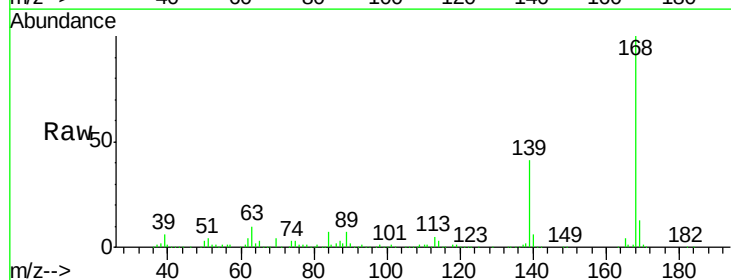
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

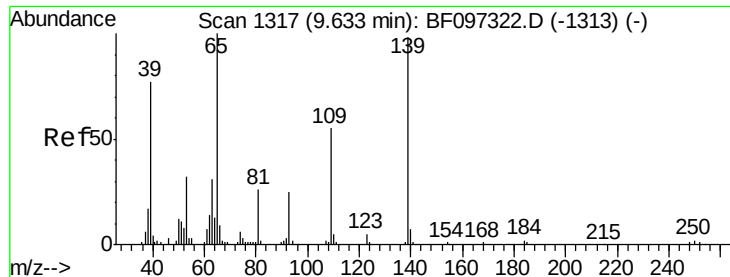
Tot Ion:184 Resp: 7294
 Ion Ratio Lower Upper
 184 100
 63 94.1 62.7 94.1#
 154 54.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.62 ng
 RT: 9.67 min Scan# 1340
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:168 Resp: 541158
 Ion Ratio Lower Upper
 168 100
 139 40.9 30.6 45.8
 169 13.3 10.8 16.2

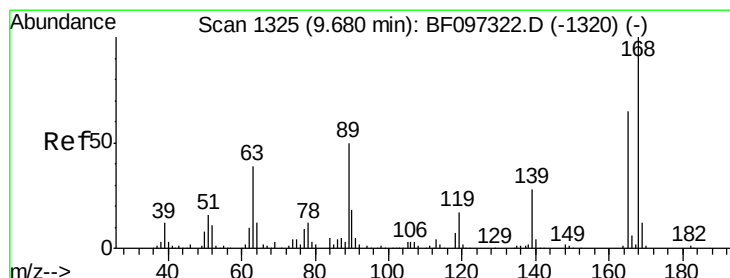
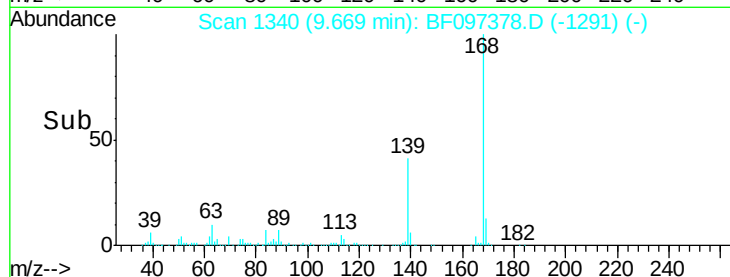
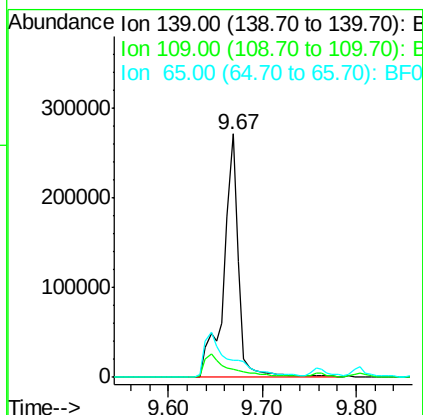
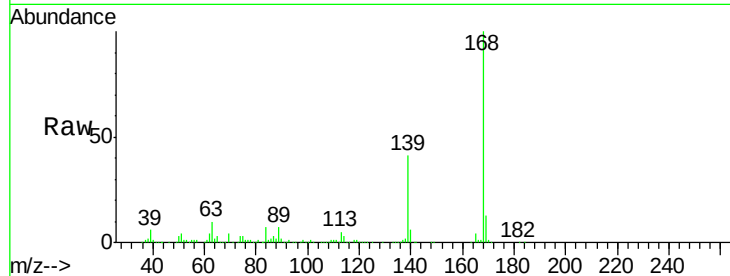




#55
4-Nitrophenol
Concen: 148.86 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

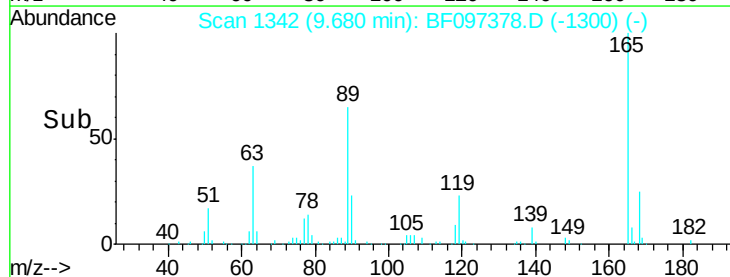
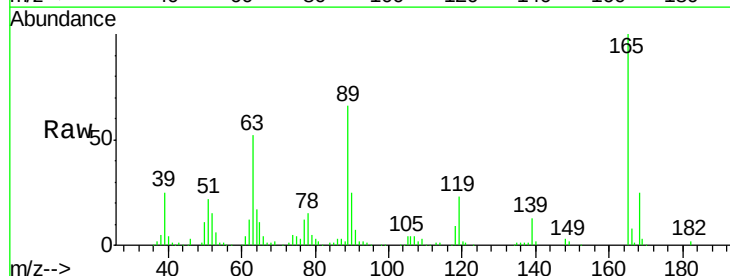
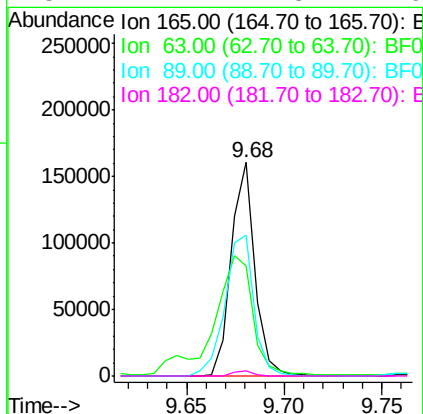
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

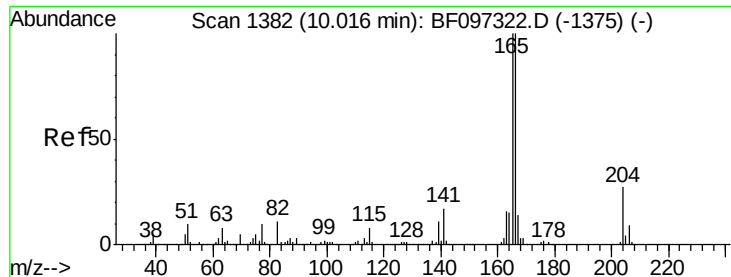
Tot Ion	Ratio	Lower	Upper
139	100		
109	3.5	34.1	74.1#
65	7.1	31.4	71.4#



#56
2,4-Dinitrotoluene
Concen: 43.44 ng
RT: 9.68 min Scan# 1342
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.7	25.4	38.0#
89	65.9	46.4	69.6
182	2.1	1.8	2.6

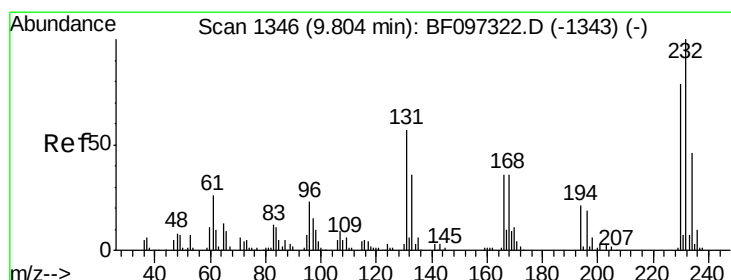
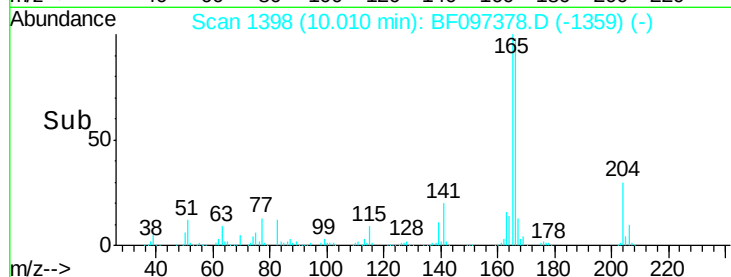
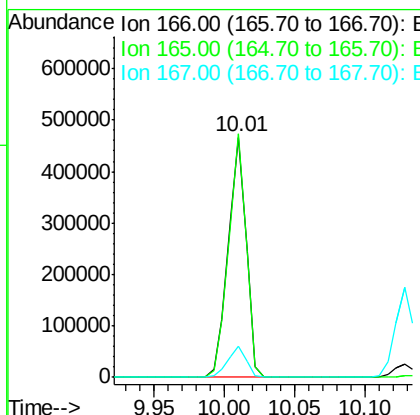
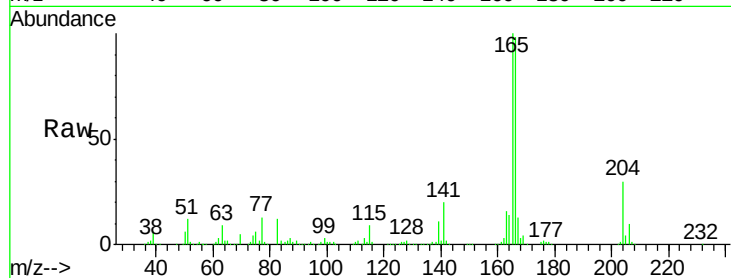




#57
Fluorene
 Concen: 43.50 ng
 RT: 10.01 min Scan# 1398
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

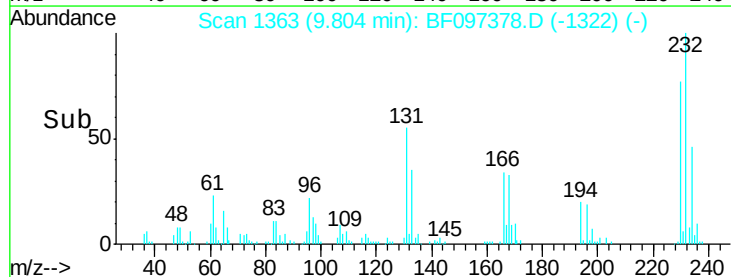
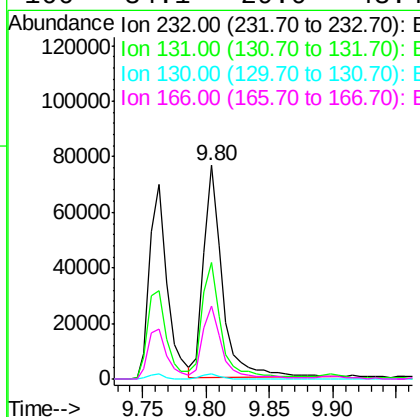
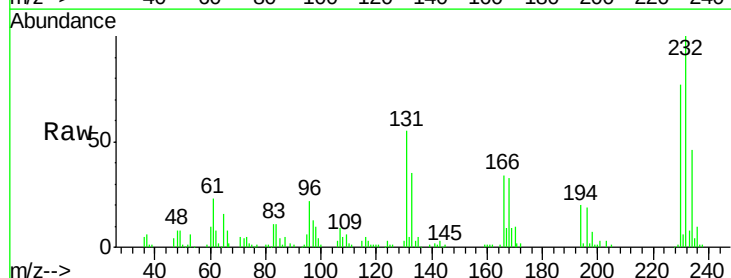
Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

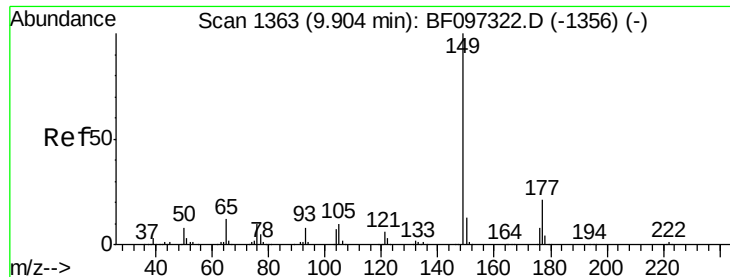
Tot Ion:166 Resp: 415113
 Ion Ratio Lower Upper
 166 100
 165 101.5 78.8 118.2
 167 13.1 10.6 16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.84 ng
 RT: 9.80 min Scan# 1363
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:232 Resp: 80323
 Ion Ratio Lower Upper
 232 100
 131 55.4 44.8 67.2
 130 2.4 2.3 3.5
 166 34.1 29.0 43.4

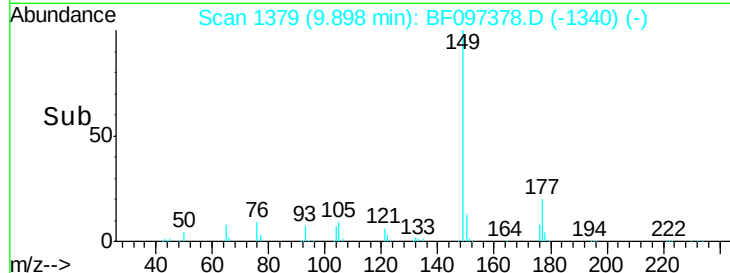
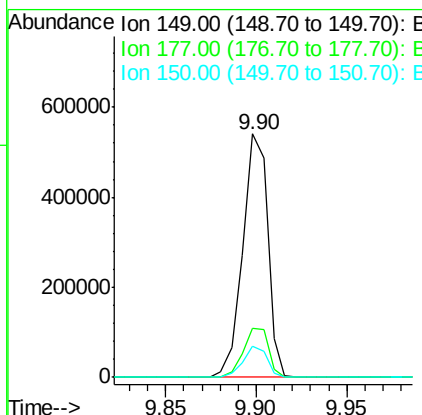
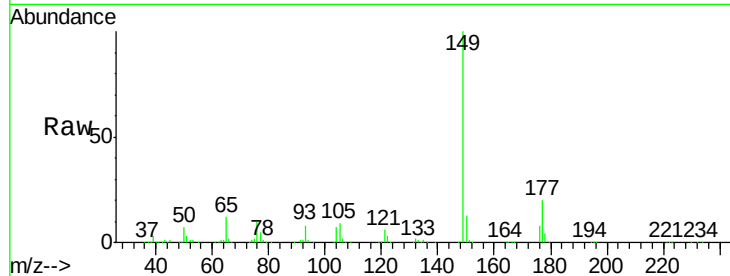




#59
Diethylphthalate
Concen: 44.38 ng
RT: 9.90 min Scan# 1379
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

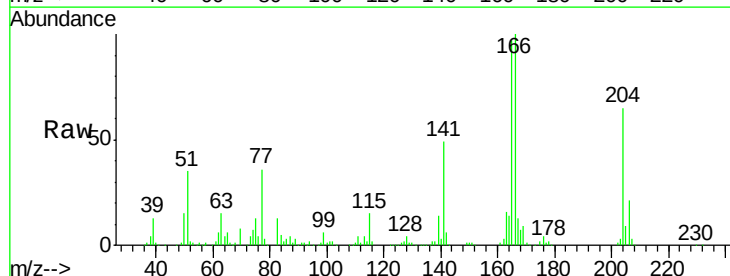
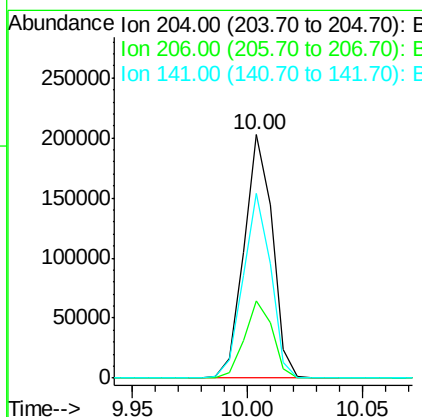
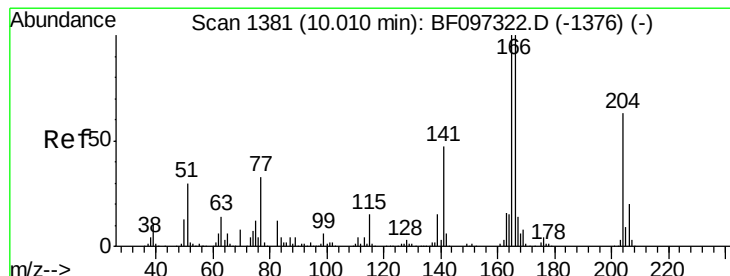
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

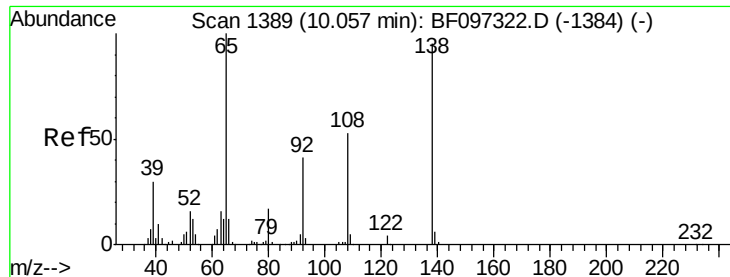
Tot Ion:149 Resp: 518657
Ion Ratio Lower Upper
149 100
177 20.0 16.7 25.1
150 13.0 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.31 ng
RT: 10.00 min Scan# 1397
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:204 Resp: 174601
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 75.8 60.8 91.2





#61

4-Nitroaniline

Concen: 40.73 ng

RT: 10.05 min Scan# 1405

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

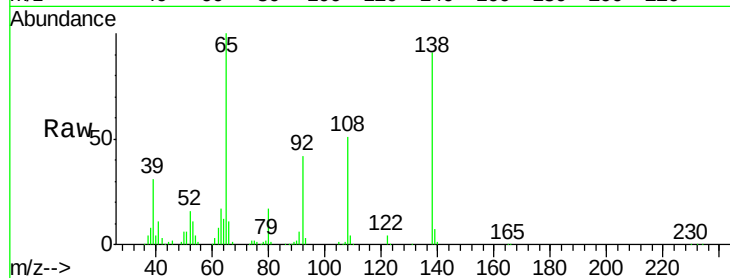
Tot Ion:138 Resp: 129762

Ion Ratio Lower Upper

138 100

92 45.6 21.8 61.8

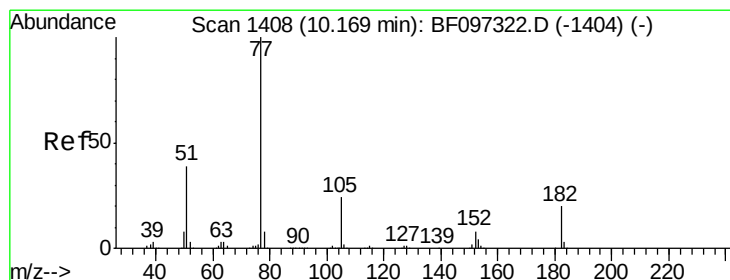
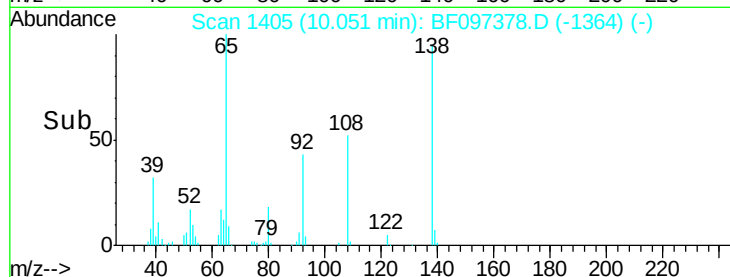
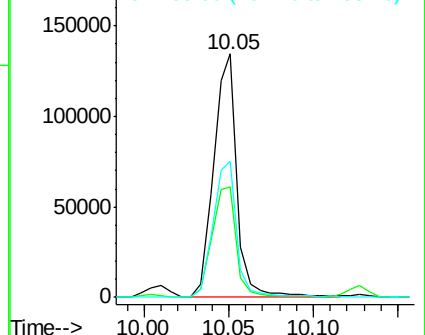
108 55.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.04 ng

RT: 10.16 min Scan# 1424

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Tgt Ion: 77 Resp: 488264

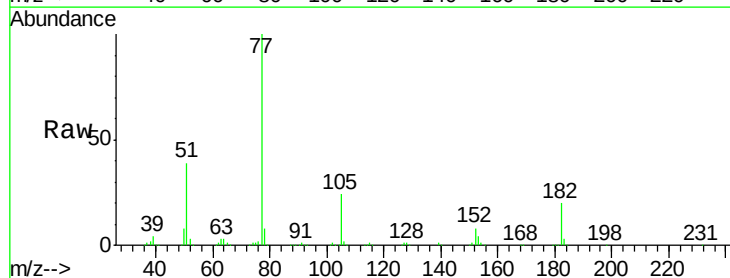
Ion Ratio Lower Upper

77 100

182 20.0 0.1 40.1

105 23.9 3.6 43.6

51 39.4 9.4 49.4

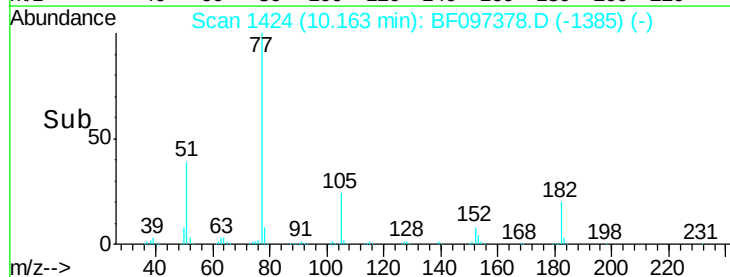
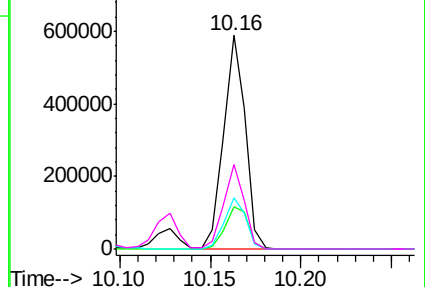


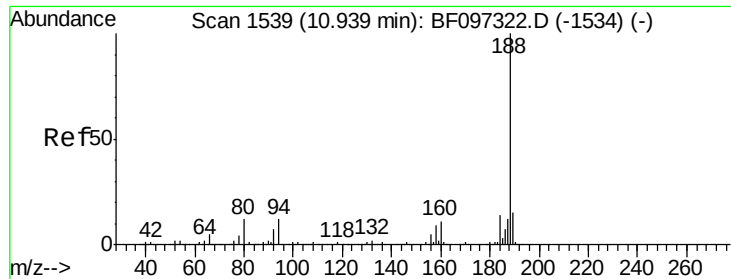
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

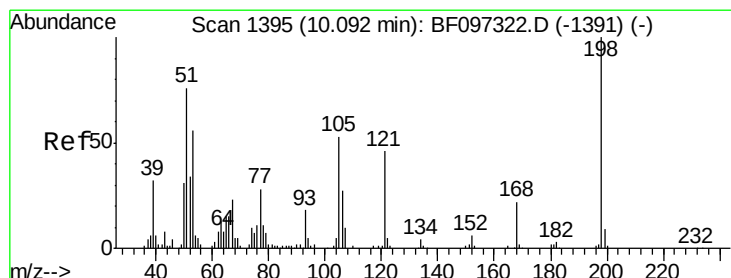
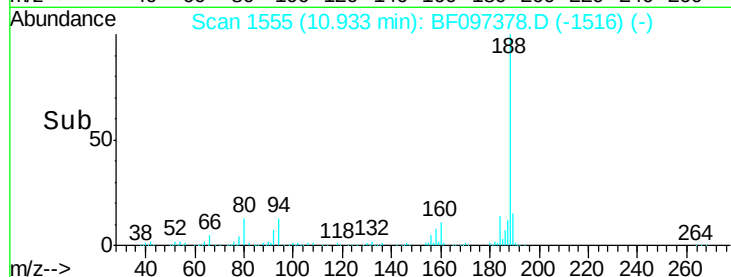
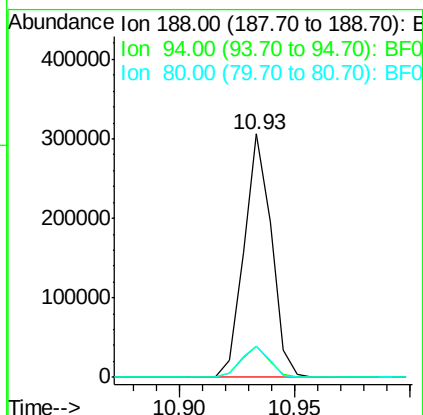
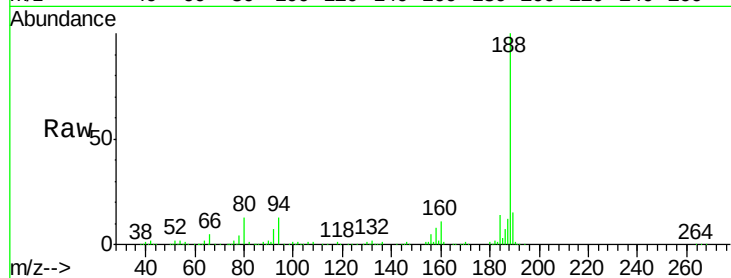




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

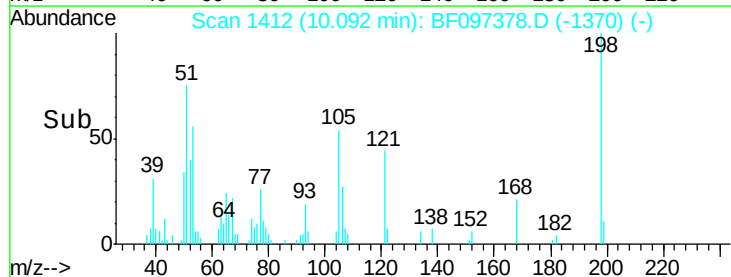
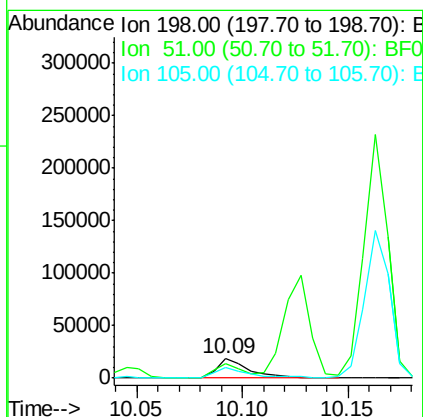
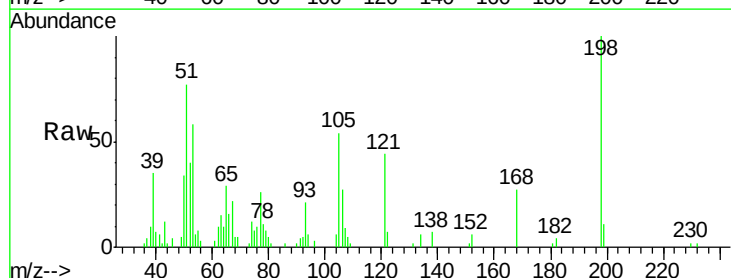
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

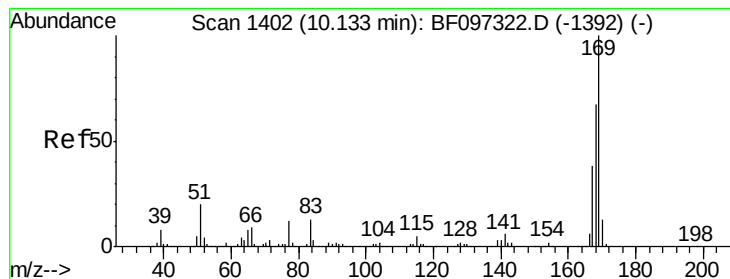
Tot Ion:188 Resp: 253673
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 12.8 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 12.08 ng
RT: 10.09 min Scan# 1412
Delta R.T. -0.05 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:198 Resp: 19047
Ion Ratio Lower Upper
198 100
51 77.2 53.2 93.2
105 54.1 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 46.36 ng

RT: 10.13 min Scan# 1418

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

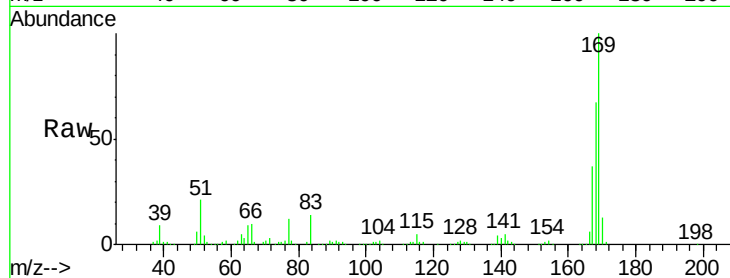
Tot Ion:169 Resp: 409205

Ion Ratio Lower Upper

169 100

168 67.0 53.2 79.8

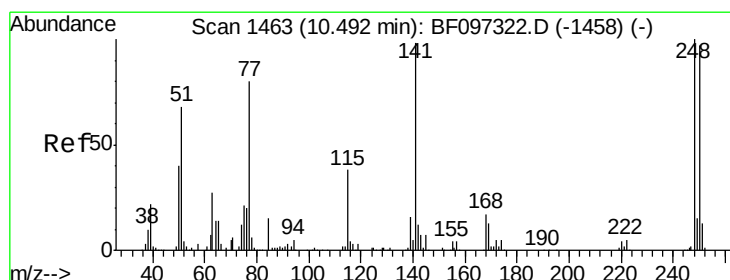
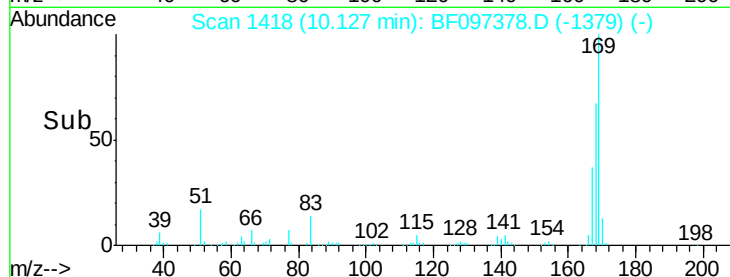
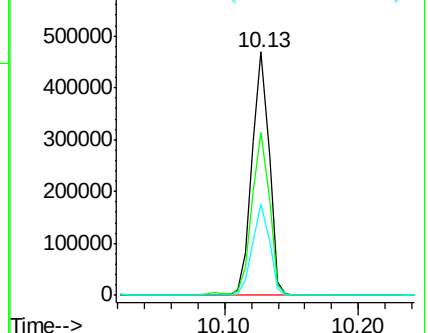
167 37.3 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.10 ng

RT: 10.49 min Scan# 1479

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

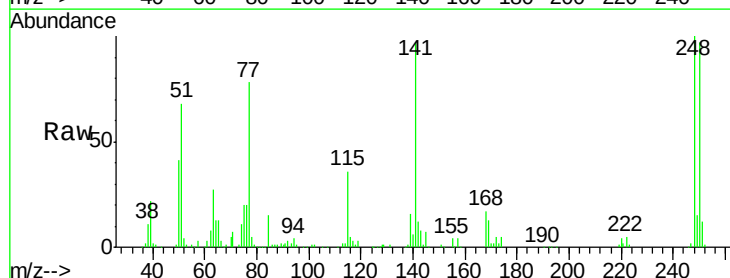
Tgt Ion:248 Resp: 106586

Ion Ratio Lower Upper

248 100

250 96.8 76.8 115.2

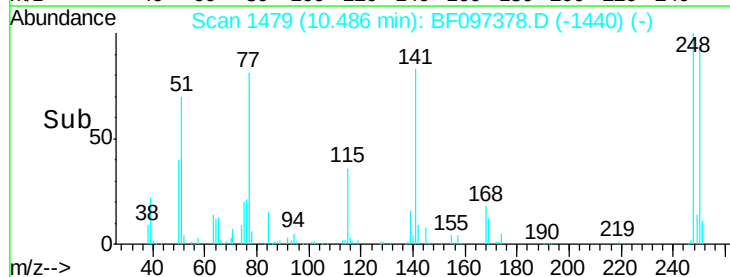
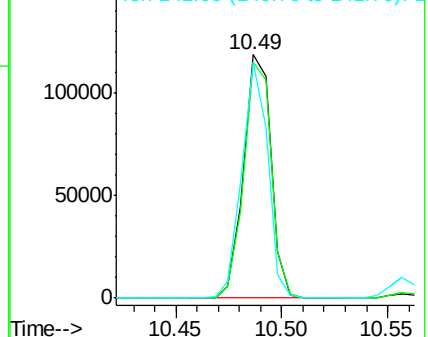
141 96.7 68.6 103.0

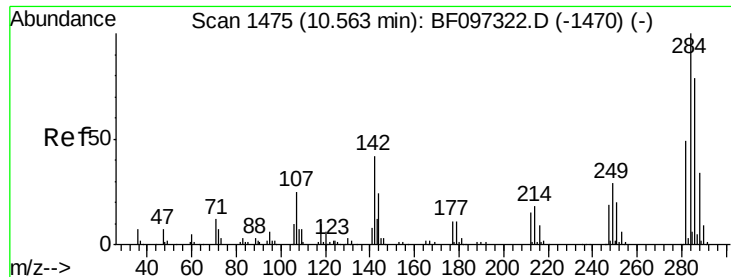


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.45 ng

RT: 10.56 min Scan# 1491

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

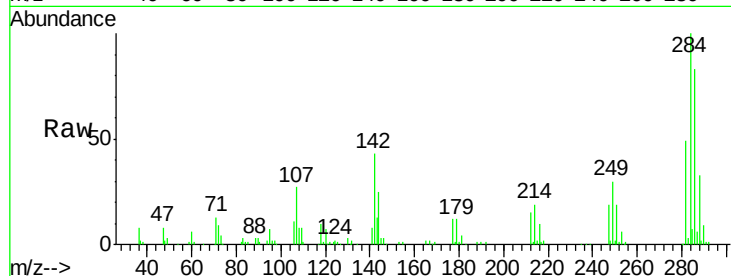
Tot Ion:284 Resp: 114841

Ion Ratio Lower Upper

284 100

142 43.4 22.8 34.2#

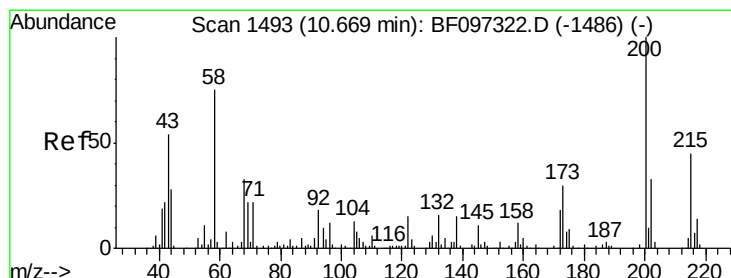
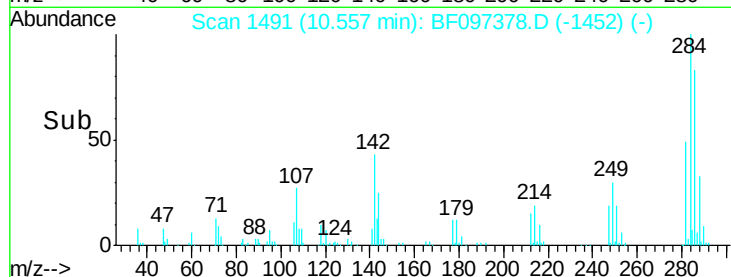
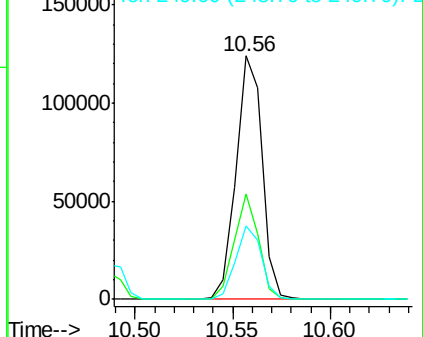
249 30.3 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.07 ng

RT: 10.66 min Scan# 1509

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

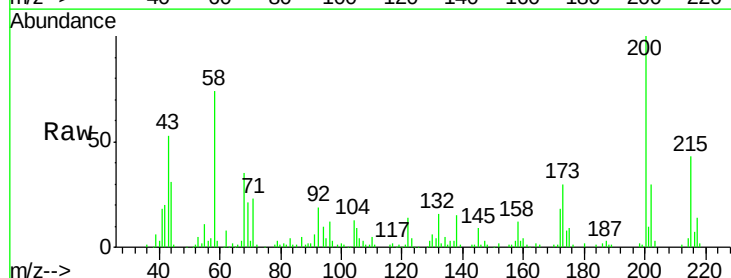
Tgt Ion:200 Resp: 96343

Ion Ratio Lower Upper

200 100

173 29.8 6.3 46.3

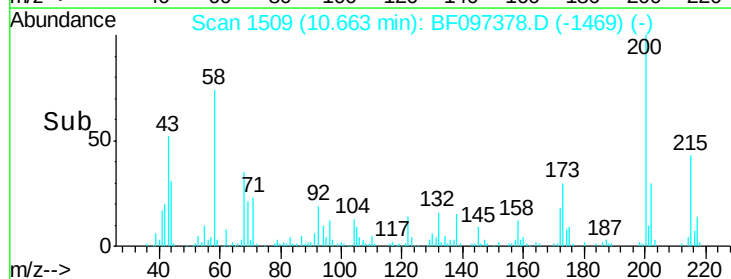
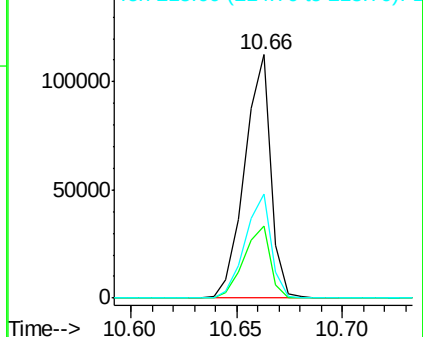
215 42.8 27.2 67.2

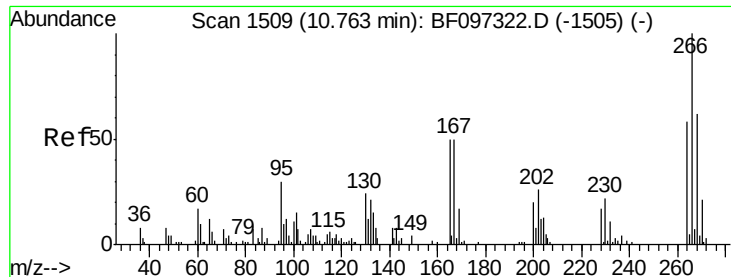


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

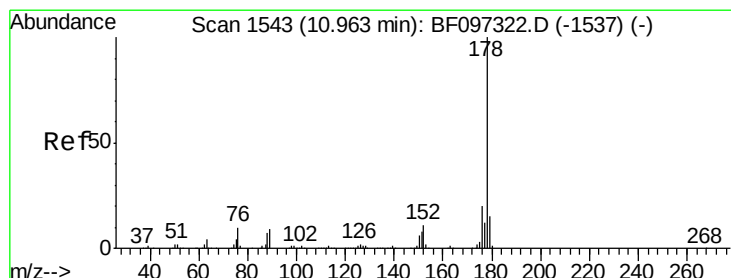
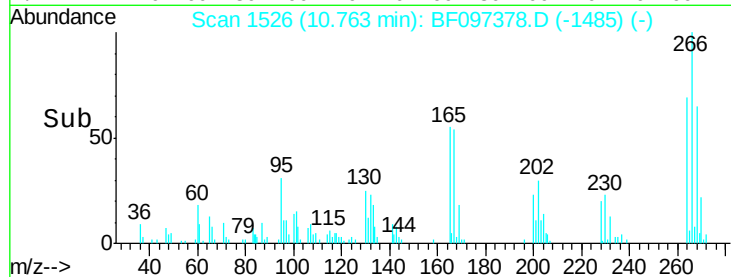
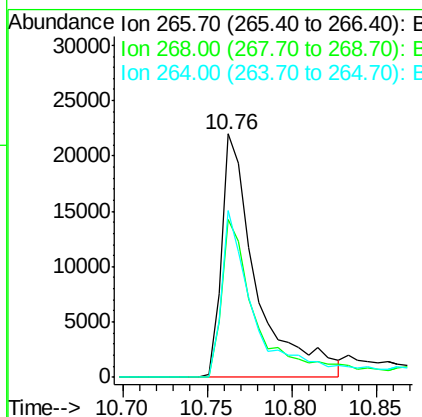
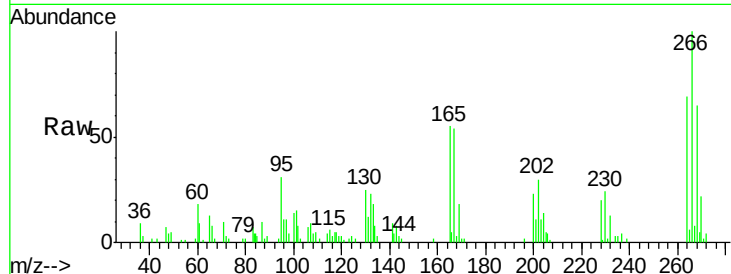




#69
 Pentachlorophenol
 Concen: 26.96 ng
 RT: 10.76 min Scan# 1526
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

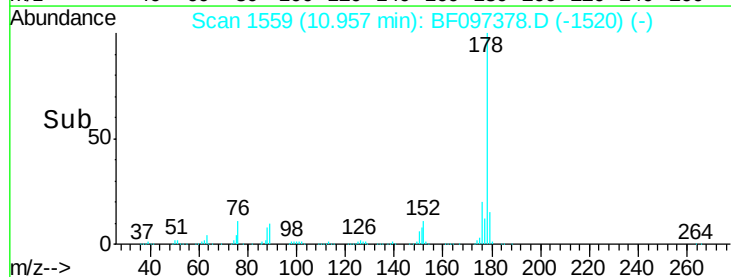
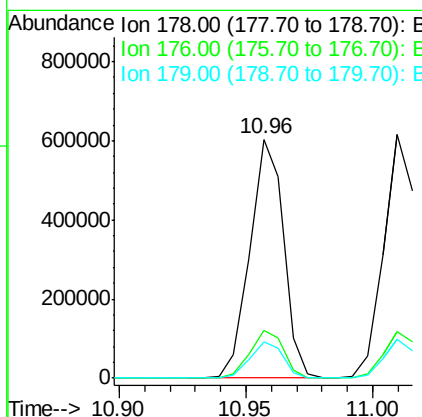
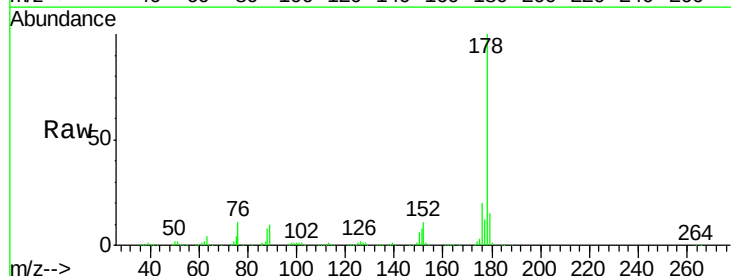
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

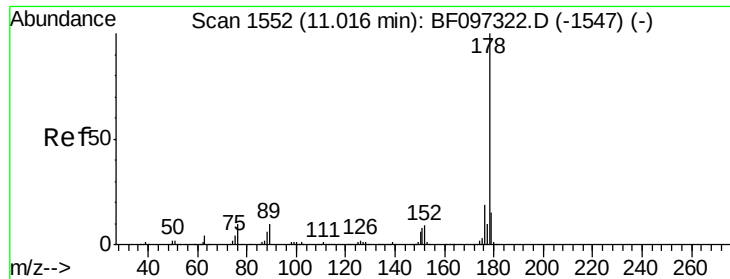
Tot Ion:266 Resp: 31669
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 68.7 51.7 77.5



#70
 Phenanthrene
 Concen: 41.18 ng
 RT: 10.96 min Scan# 1559
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:178 Resp: 559751
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.2 24.4
 179 15.3 12.6 19.0

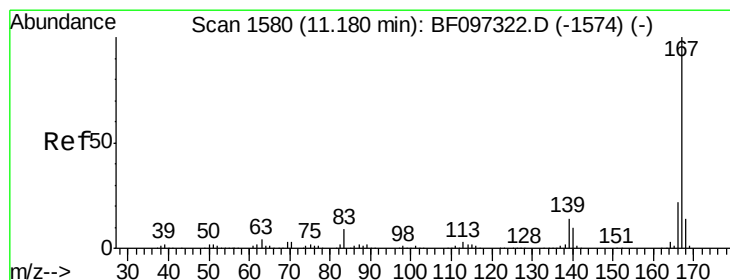
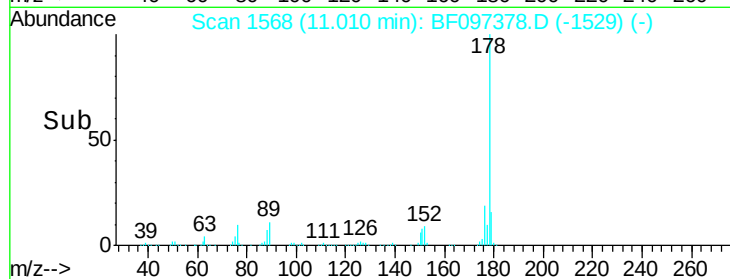
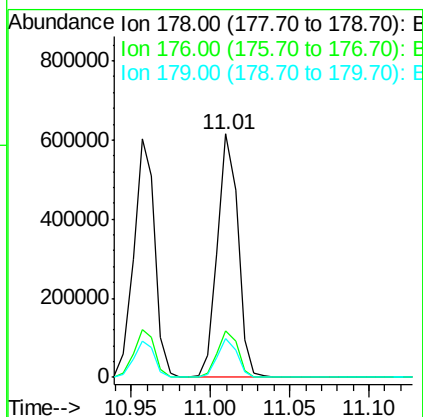
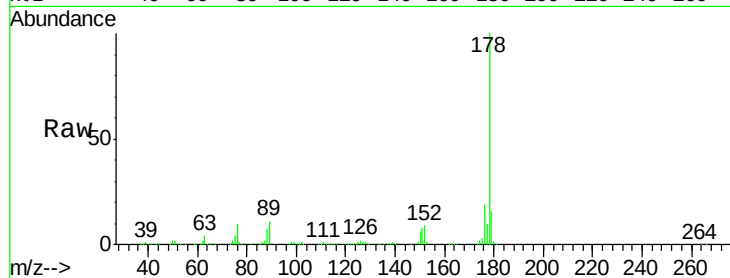




#71
 Anthracene
 Concen: 39.99 ng
 RT: 11.01 min Scan# 1568
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

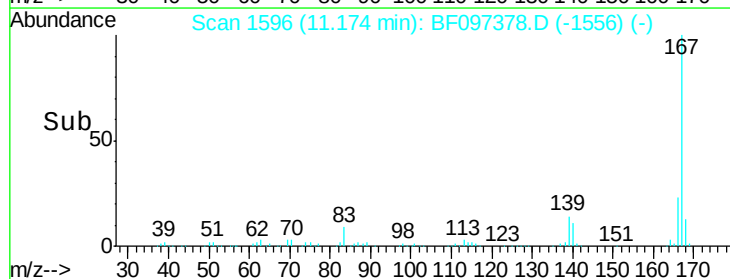
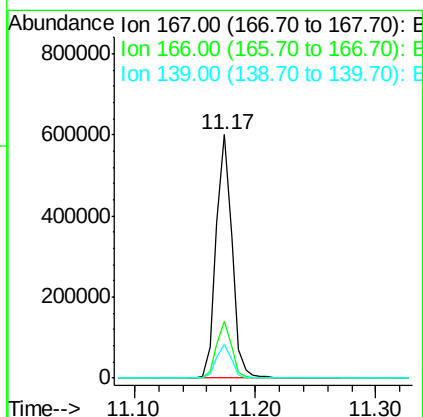
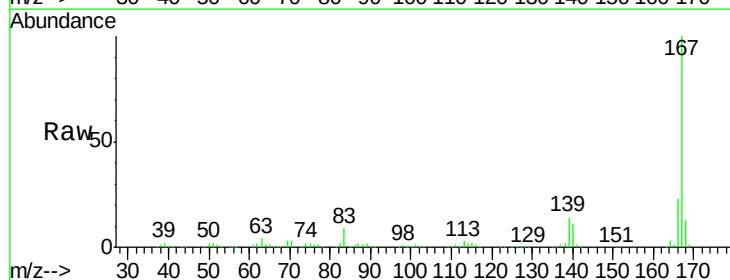
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

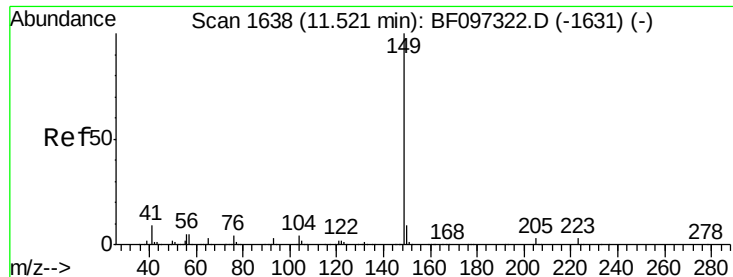
Tot Ion:178 Resp: 556700
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 39.35 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.06 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion:167 Resp: 538719
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.1 27.1
 139 14.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.77 ng

RT: 11.52 min Scan# 1654

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

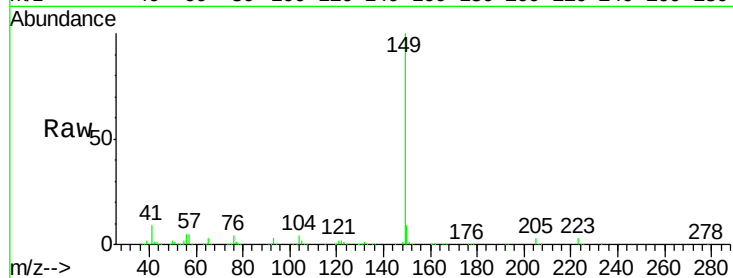
Tot Ion:149 Resp: 706843

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

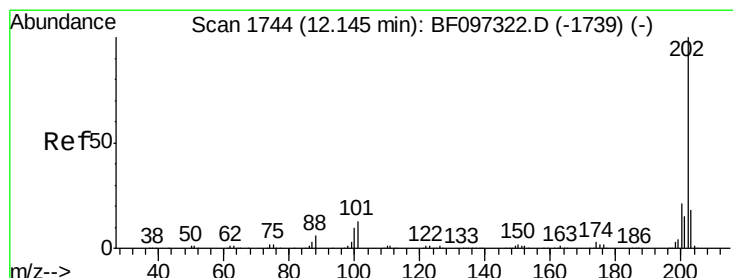
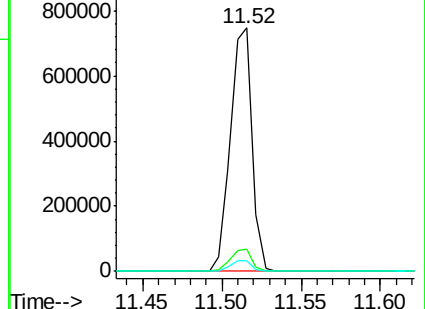
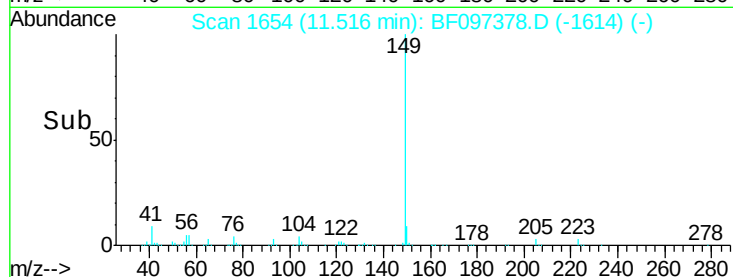
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.62 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

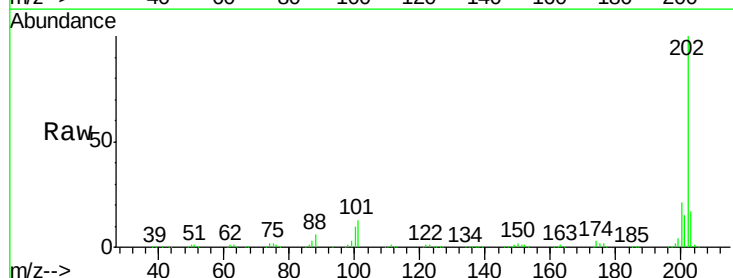
Tgt Ion:202 Resp: 500983

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

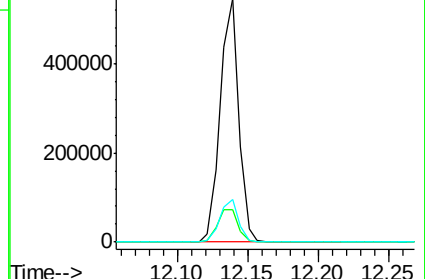
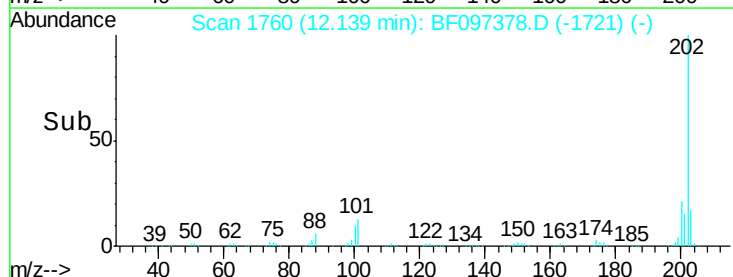
203 17.3 0.0 38.1

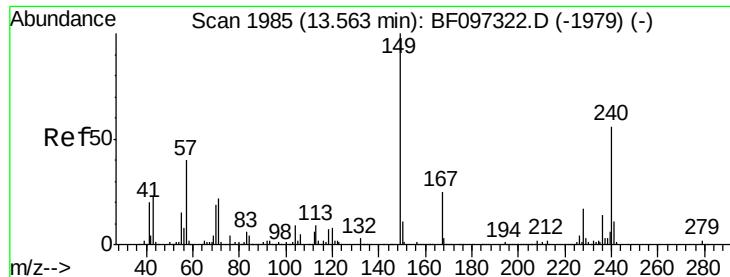


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.07 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

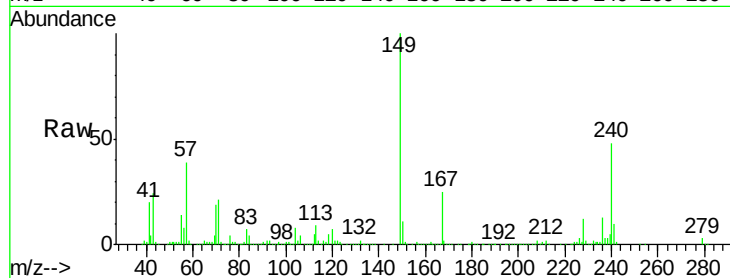
Tot Ion:240 Resp: 161722

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

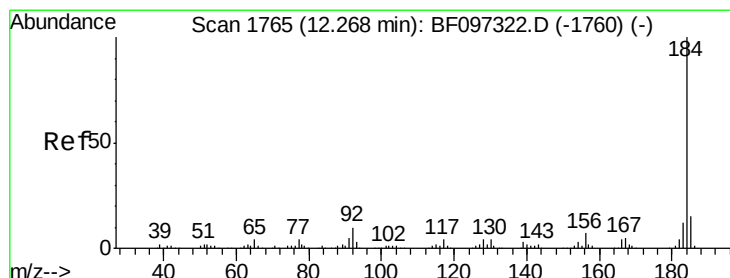
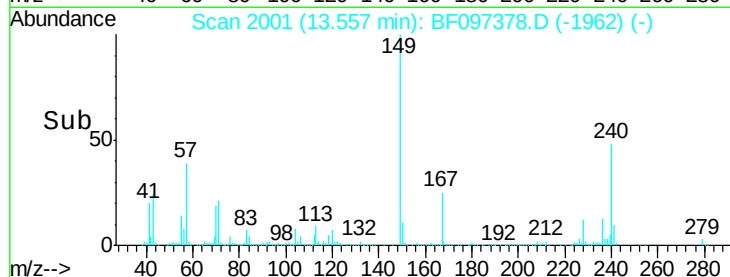
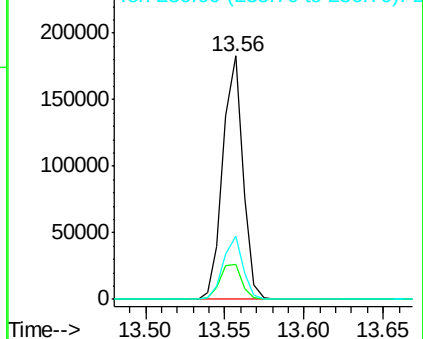
236 26.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.33 ng

RT: 12.27 min Scan# 1782

Delta R.T. -0.06 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

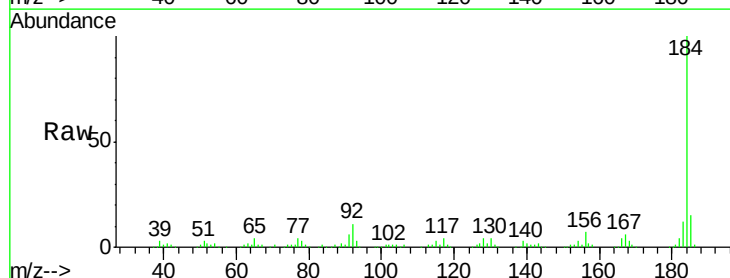
Tgt Ion:184 Resp: 247989

Ion Ratio Lower Upper

184 100

185 15.1 15.5 23.3#

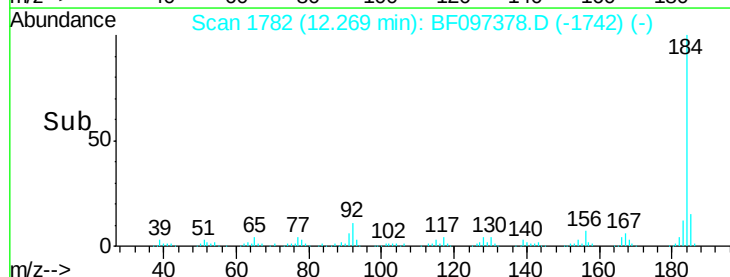
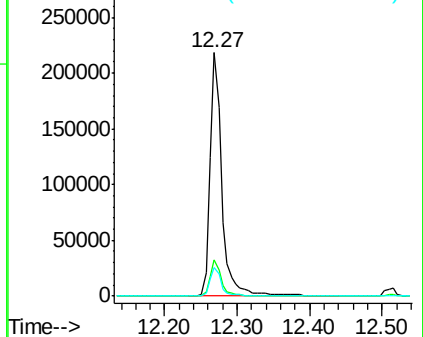
183 11.7 9.8 14.6

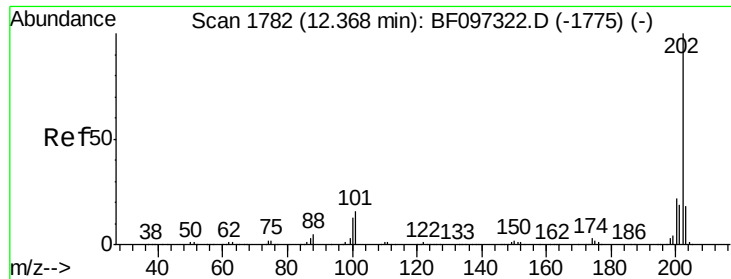


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

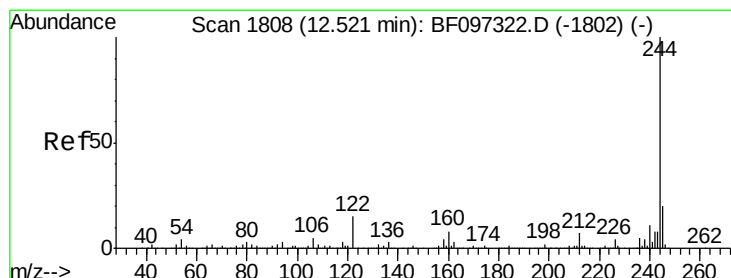
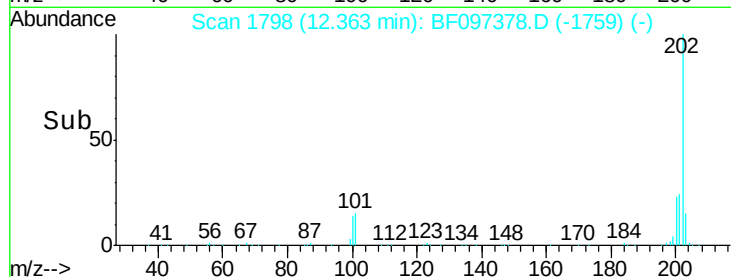
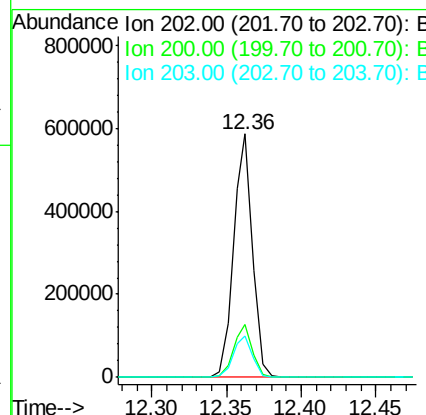
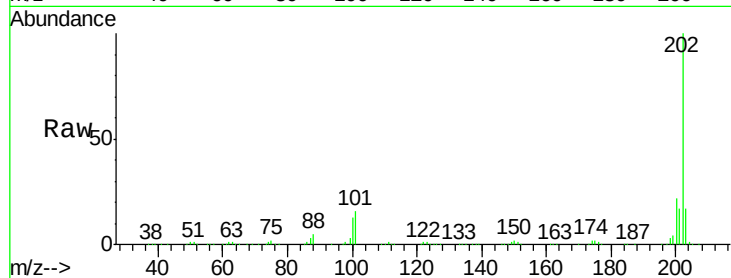




#77
Pvrene
Concen: 39.56 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

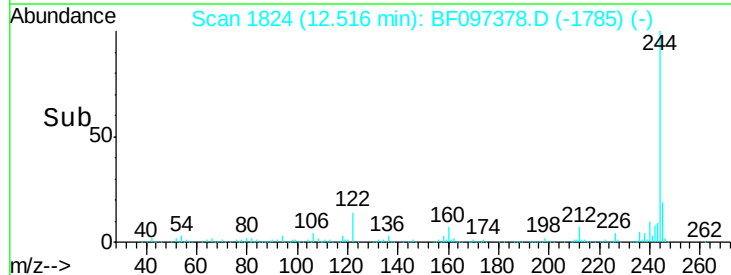
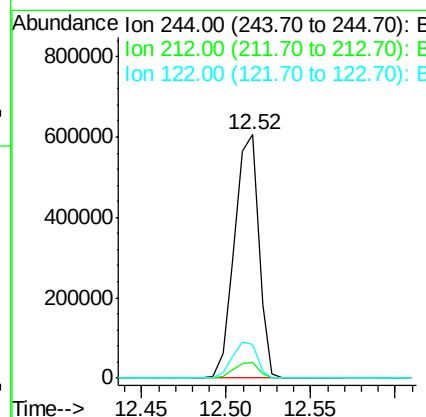
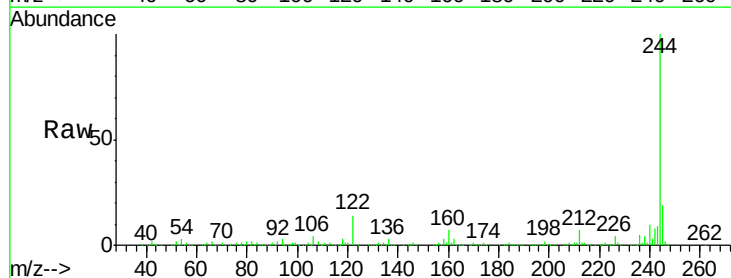
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

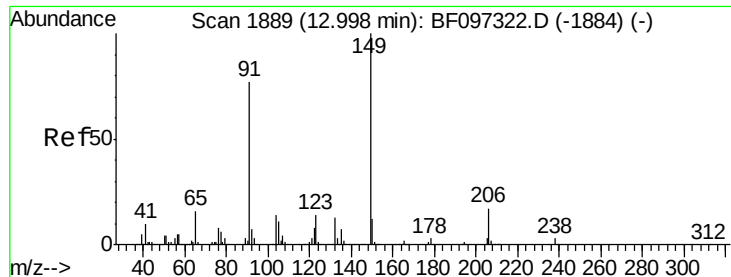
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	16.9	14.4	21.6



#78
Terphenyl-d14
Concen: 76.43 ng
RT: 12.52 min Scan# 1824
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.1	10.3	15.5

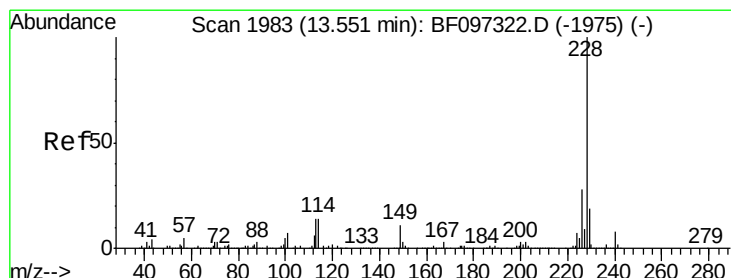
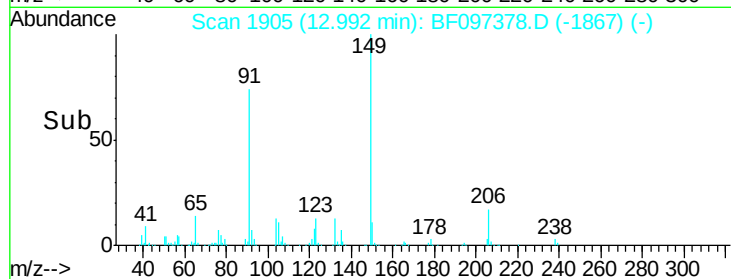
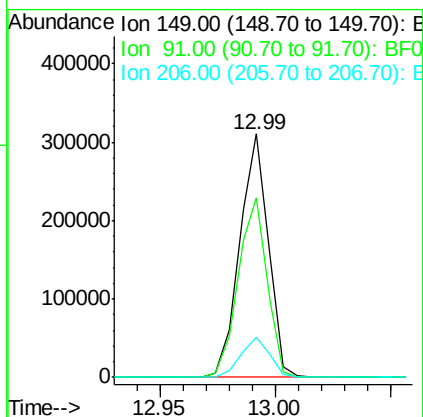
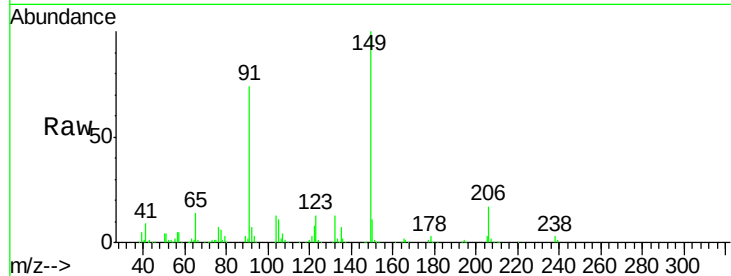




#79
Butylbenzylphthalate
Concen: 39.77 ng
RT: 12.99 min Scan# 1905
Delta R.T. -0.08 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

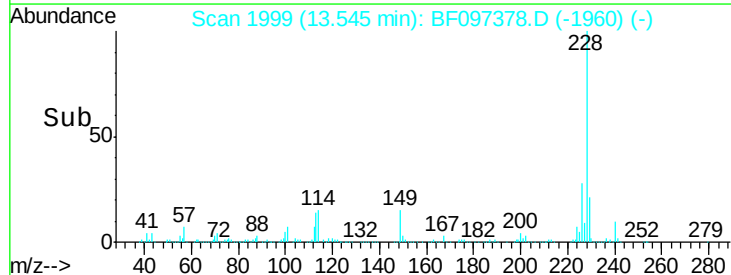
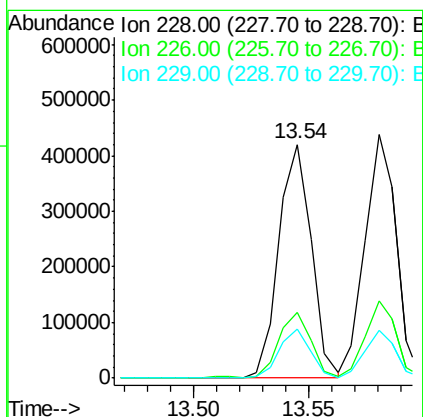
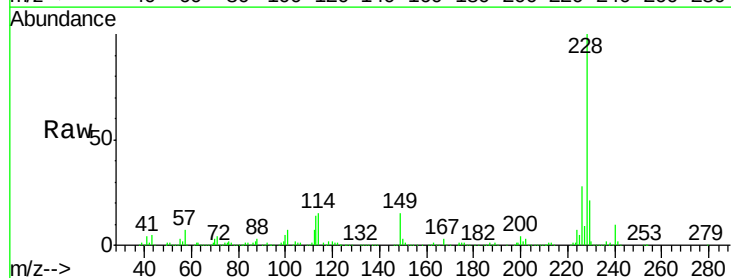
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

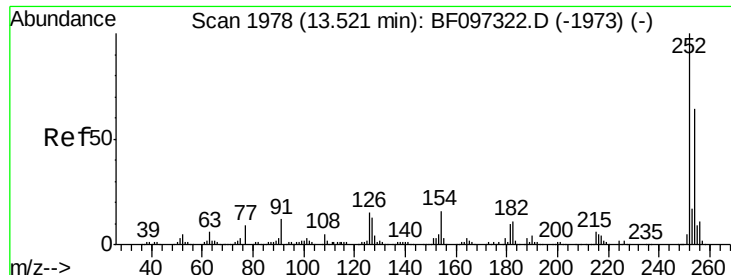
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.7	45.0	67.4#
206	16.7	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 38.99 ng
RT: 13.54 min Scan# 1999
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.8	16.3	24.5

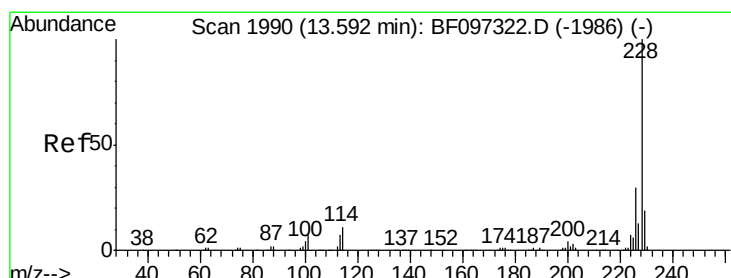
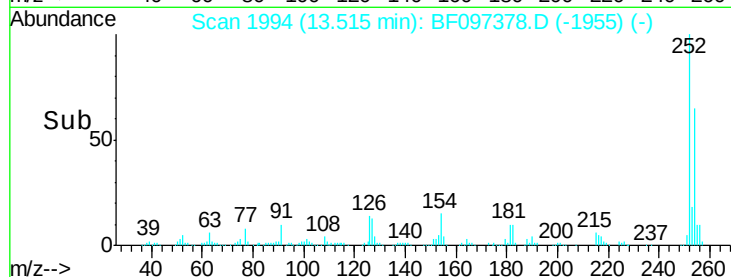
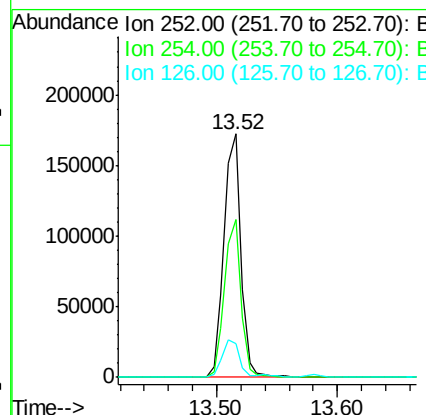
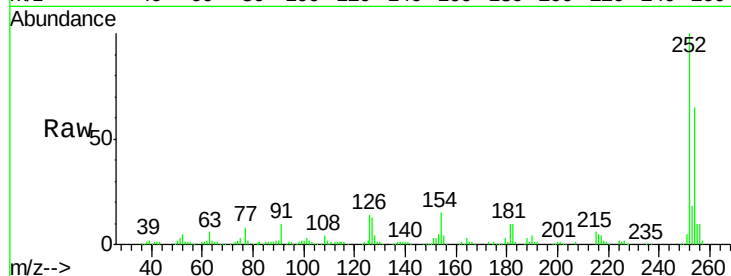




#81
 3,3'-Dichlorobenzidine
 Concen: 42.34 ng
 RT: 13.52 min Scan# 1994
 Delta R.T. -0.07 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

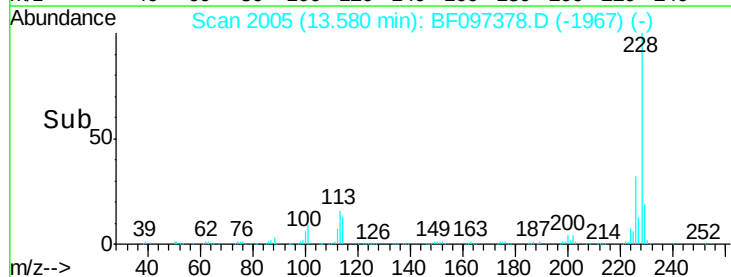
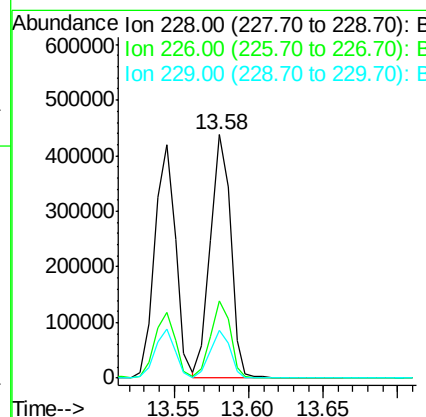
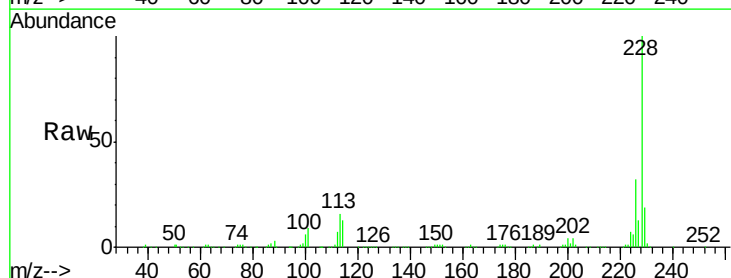
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

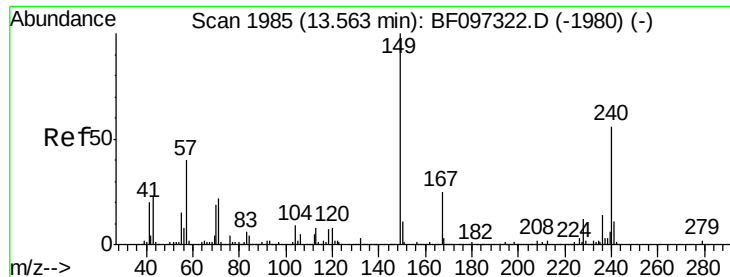
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.5	77.3
126	13.7	15.8	23.8#



#82
 Chrysene
 Concen: 40.50 ng
 RT: 13.58 min Scan# 2005
 Delta R.T. -0.08 min
 Lab File: BF097378.D
 Acq: 5 Aug 2017 2:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	19.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.36 ng

RT: 13.56 min Scan# 2001

Delta R.T. -0.08 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

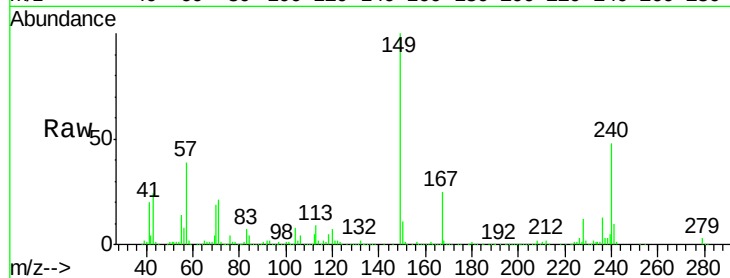
Tot Ion:149 Resp: 328530

Ion Ratio Lower Upper

149 100

167 25.5 21.0 31.4

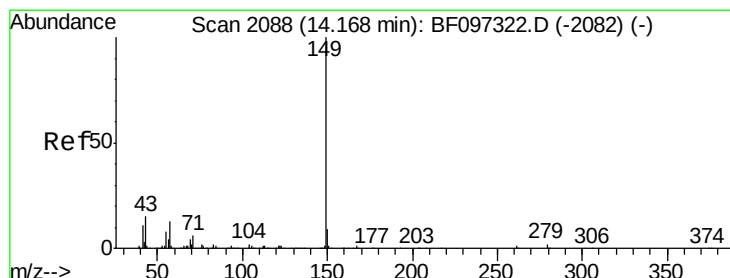
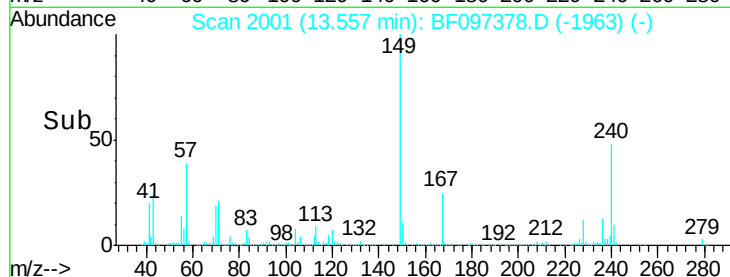
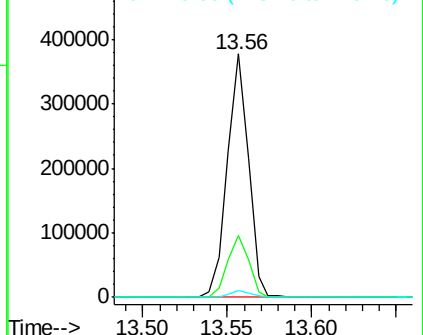
279 2.6 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.48 ng

RT: 14.16 min Scan# 2104

Delta R.T. -0.08 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

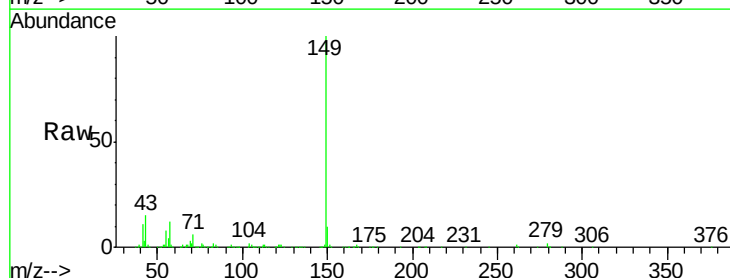
Tgt Ion:149 Resp: 669305

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

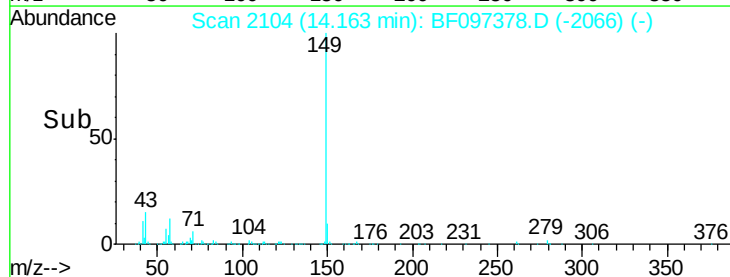
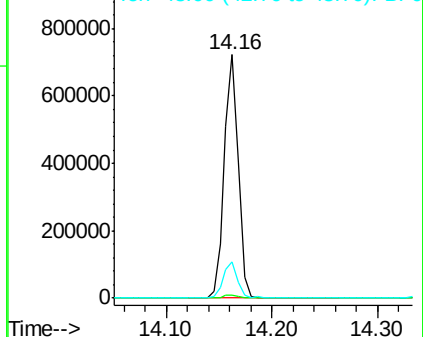
43 15.1 8.5 12.7#

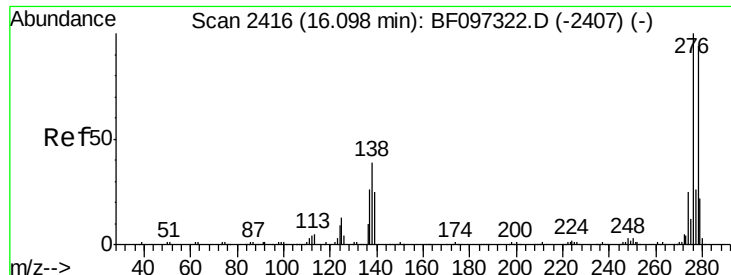


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

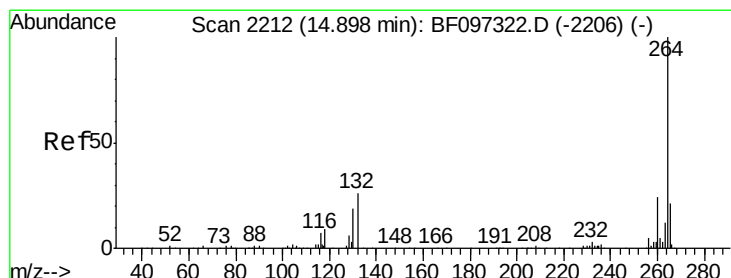
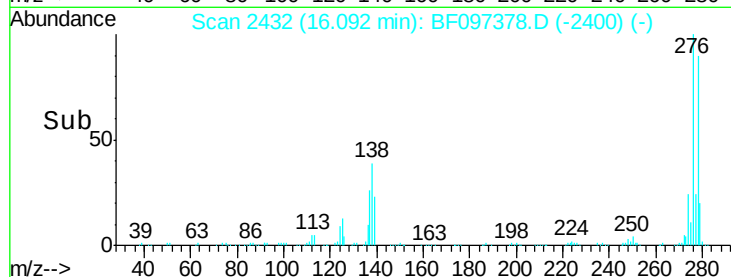
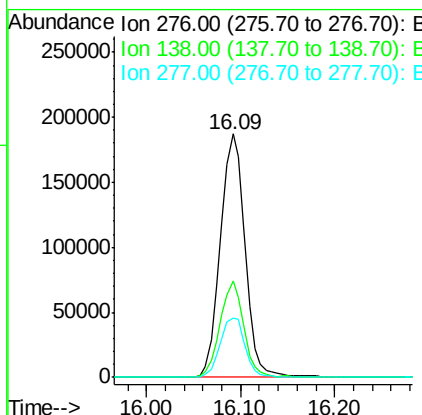
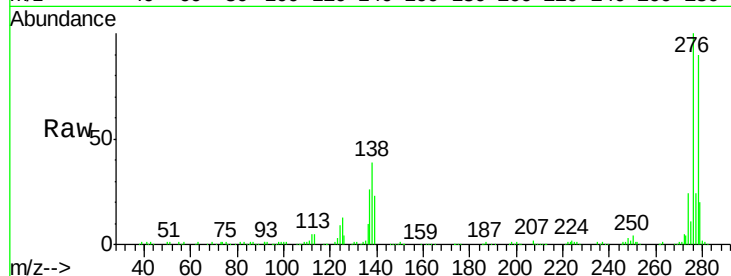




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.35 ng
RT: 16.09 min Scan# 2432
Delta R.T. -0.11 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

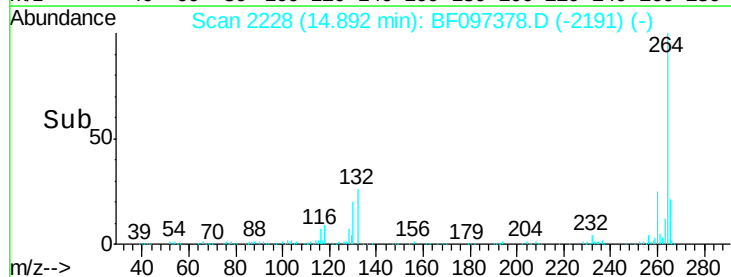
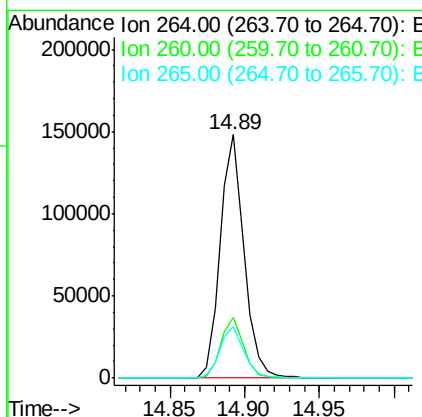
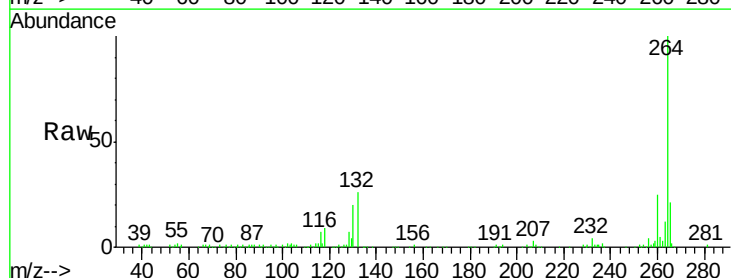
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

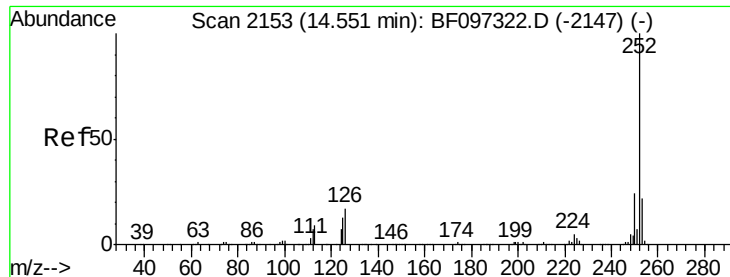
Tot Ion:276 Resp: 344788
Ion Ratio Lower Upper
276 100
138 37.5 27.8 41.6
277 24.9 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:264 Resp: 167126
Ion Ratio Lower Upper
264 100
260 25.1 19.5 29.3
265 21.2 17.2 25.8

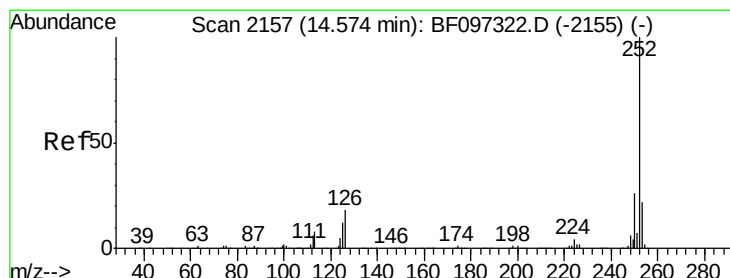
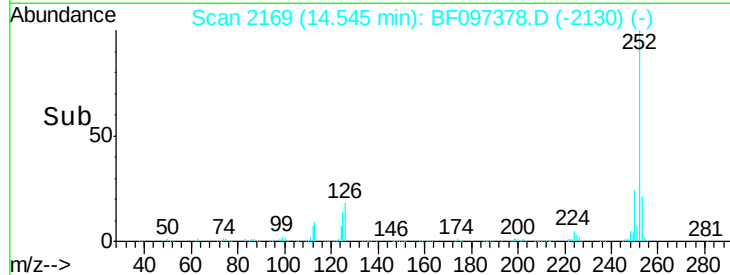
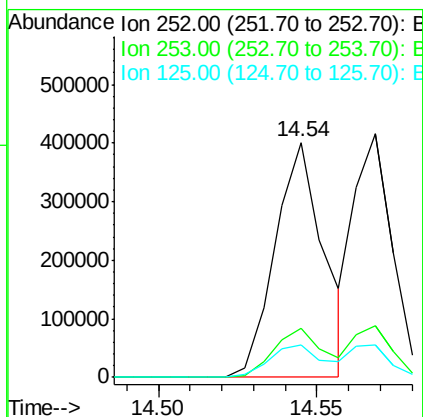
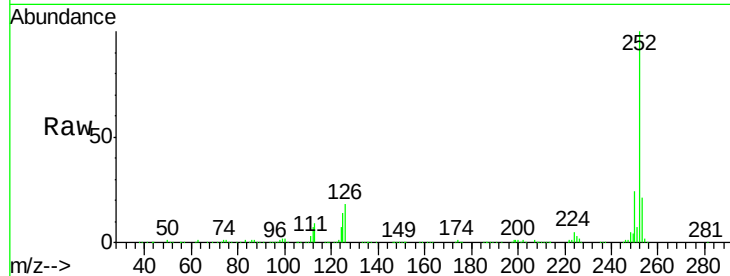




#87
Benzo(b)fluoranthene
Concen: 42.71 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

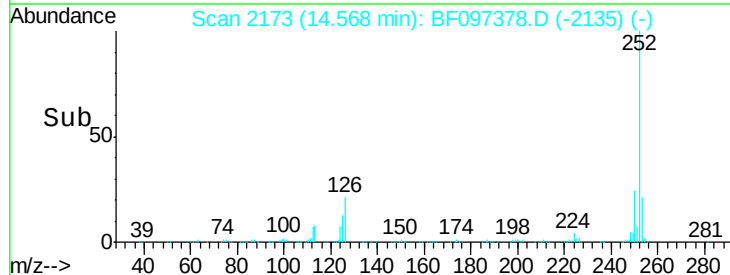
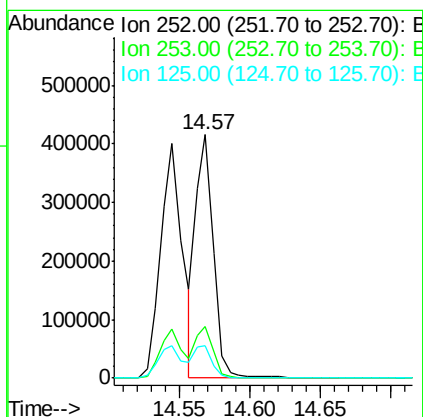
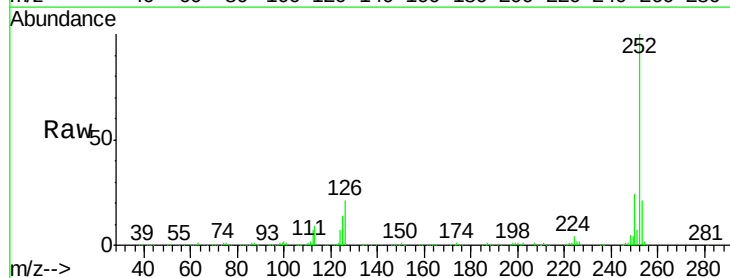
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

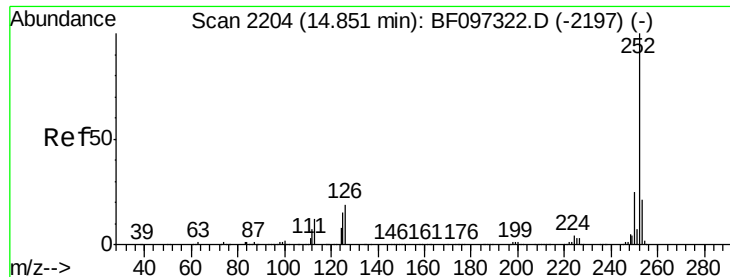
Tot Ion:252 Resp: 429103
Ion Ratio Lower Upper
252 100
253 20.8 18.1 27.1
125 14.0 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 37.57 ng
RT: 14.57 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BF097378.D
Acq: 5 Aug 2017 2:12

Tgt Ion:252 Resp: 359662
Ion Ratio Lower Upper
252 100
253 21.3 18.4 27.6
125 13.6 13.1 19.7





#89

Benzo(a)pyrene

Concen: 40.98 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.08 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

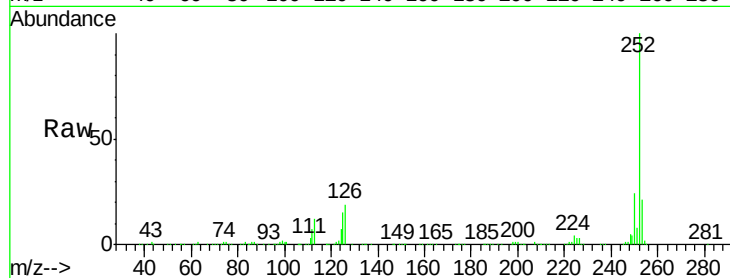
Tot Ion:252 Resp: 376812

Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

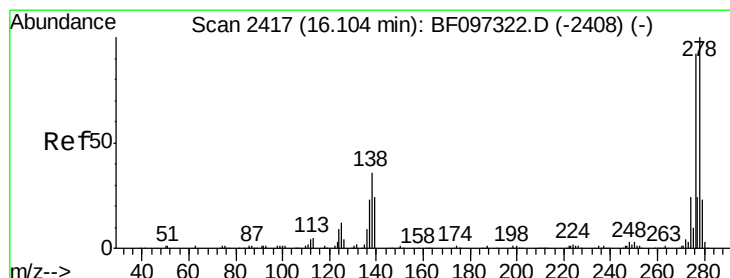
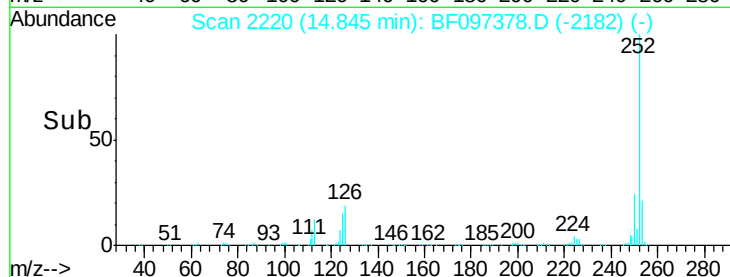
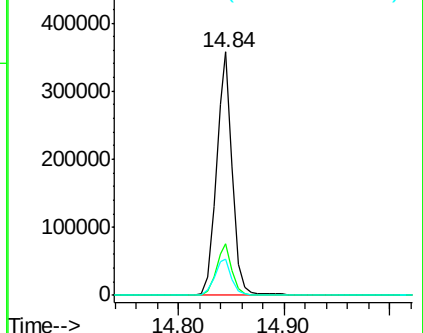
125 14.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.44 ng

RT: 16.10 min Scan# 2433

Delta R.T. -0.12 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

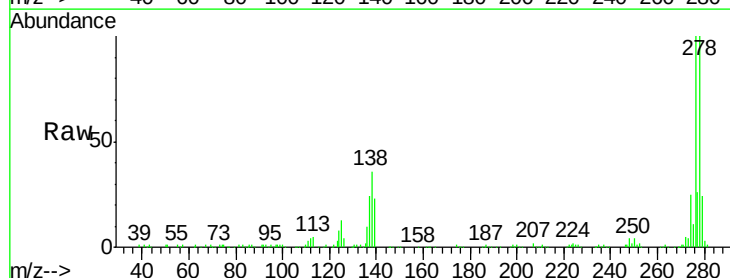
Tgt Ion:278 Resp: 289855

Ion Ratio Lower Upper

278 100

139 22.9 16.6 24.8

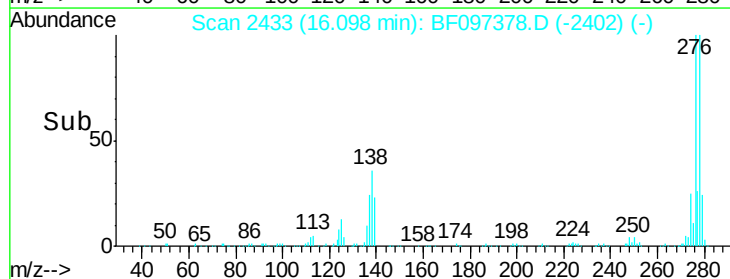
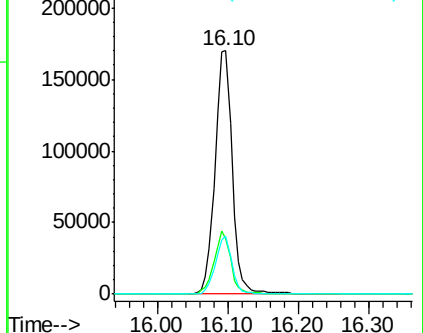
279 23.8 19.3 28.9

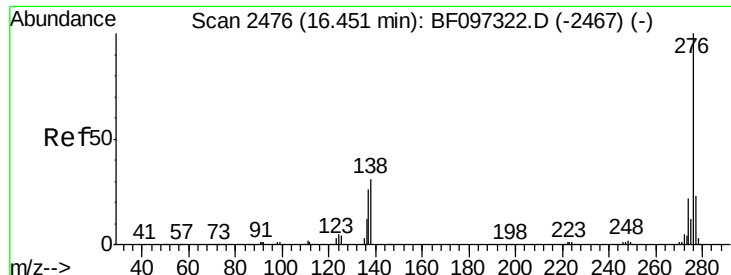


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.85 ng

RT: 16.44 min Scan# 2492

Delta R.T. -0.12 min

Lab File: BF097378.D

Acq: 5 Aug 2017 2:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

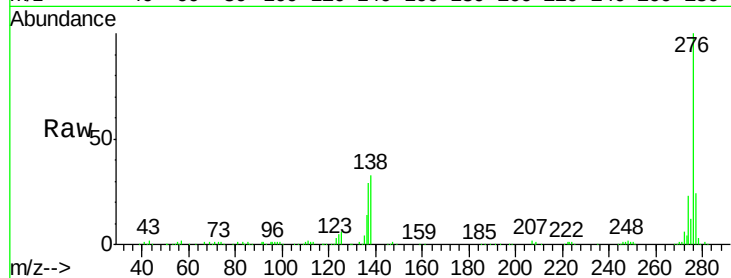
Tot Ion: 276 Resp: 283491

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 33.1 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

